

FONDO PIZZOFALCONE



10. A. 58

BIBLIOTECA PROVINCIALE

armadio



Palchetto

Num.° d'ordine

44

10 A 58

NAZIONALE

B. Prov.

II

VITT. EM. I

R. BIBLIOTECA

6



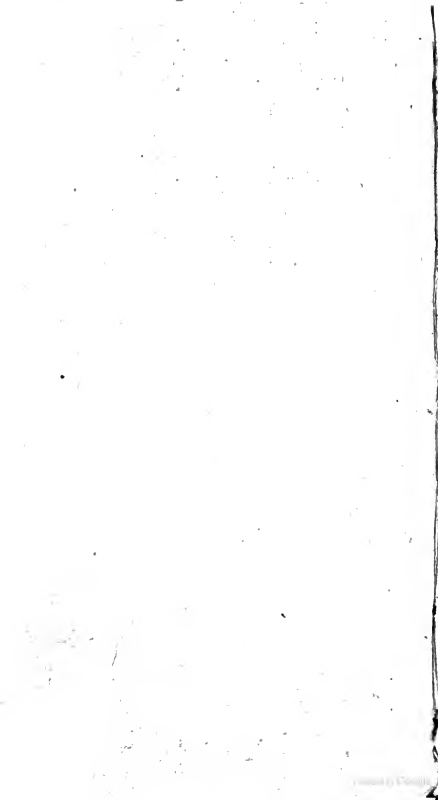
15A117

44

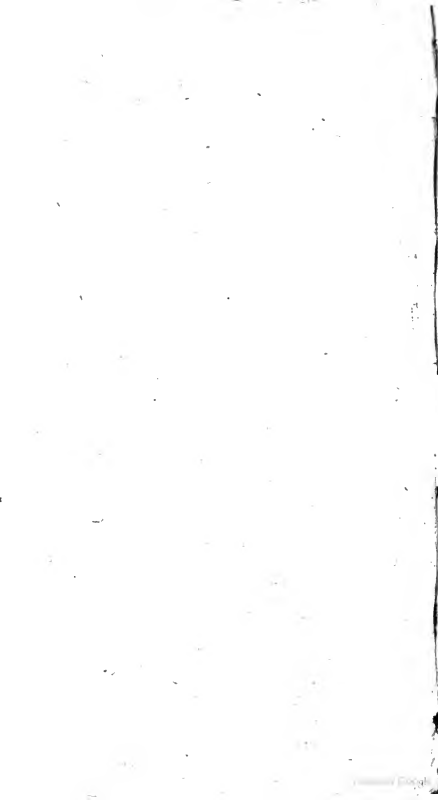
B. Prov.

II

HA











Chez: La, Veuve, de, Paul, Marret, 1718

609082

LA
GEOMETRIE.
DES LIGNES,
ET DES
SURFACES RECTILIGNES
ET CIRCULAIRES.

PAR J. P. DE CROUSAZ,

*Professeur en Philosophie & en Mathématiques dans
l'Académie de LAUSANE.*

TOME SECOND,

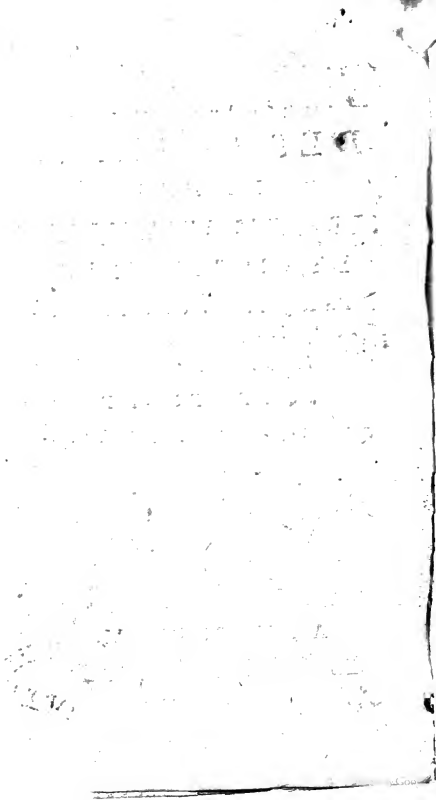
Qui contient toutes les Figures & les Indices.



A AMSTERDAM,
Chez la Veuve de PAUL MARRAS.

MDCCXVIII.





I N D I C E

D E S

M A T I E R E S.

A.



- A**ngle, ce que c'est. L. I. Art. 38.
 Comment se mesure. L. I. Art. 39, 40.
 à la Campagne. L. I. Art. 21.
Angle Droit, Aigu, Obtus. L. I. Art. 45.
Faire un Angle égal à un autre. L. I. Art. 41,
 93, 120.
 A la Campagne. L. I. Art. 99.
 Avec le Compas de Proportion. L. V. Art. 116.
 qui reposent sur des Segmens donnez, L. IV.
 Art. 53, 54.
Angles de suite, valent deux Droits. L. I. Art. 47.
Opposez par la pointe, sont égaux. L. I. Art. 78.
Angles Alternes, quand égaux. L. I. Art. 89.
Alternativement opposez, quand égaux. L. I.
 Art. 95.
Diviser un Angle en deux Parties égales. L. I.
 Art. 60.
En trois. L. II. Art. 90.
Les trois Angles d'un Triangle sont égaux à deux
 Droits. L. II. Art. 10.
L'exterieur d'un Triangle égal aux deux Inte-
 rieurs opposez. L. II. Art. 17.
Dans les Paralleles égal à son Interieur oppo-
 sé. L. I. Art. 83. & aussi dans les Quadri-
 lateres Inscrits. L. IV. Art. 68.
Les Angles d'un Multilatere valent autant de
 fois deux Droits qu'il a de Côtez, moins
 quatre. L. II. Art. 15.
Angle du Centre a pour Mesure l'Arc sur lequel
 il repose. L. I. Art. 39.
Angle de la Circonférence, ou Angle Inscrit, a pour
 Mesure la moitié de l'Arc sur lequel il repose.

- Mesure la moitié de l'Arc sur lequel il repose. L. IV. Art. 41, 42, 43. ou la moitié de la Circonference, moins la moitié des deux Arcs soutenus par les Jambes. L. IV. Art. 44.
- Angle du Centre & de la Circonference, quand égaux? L. IV. Art. 47.
- Angles de la Circonference, quand égaux? L. IV. Art. 48.
- Angle de la Circonference, quand Droit? L. IV. Art. 49.
- Angle dans le grand Segment est Aigu. L. IV. Art. 58.
- Dans le Petit est Obtus. L. IV. Art. 59.
- Angles des deux Segmens valent deux Droits. L. IV. Art. 62.
- Partage de l'Angle dans le Segment Proportionnel aux Parties de sa Corde & à ses Jambes. L. V. Art. 73.
- Angle du Segment. L. IV. Art. 137. Sa Mesure. L. IV. Art. 138.
- Angles qui ont leur Pointe dans le Cercle. L. IV. Art. 79. Hors du Cercle. L. IV. Art. 83.
- Angle de Contingence. L. IV. Art. 100.
- Plus petit qu'aucun Rectiligne. L. IV. Art. 101.
- Angle d'une Tangente & d'une Secante. L. IV. Art. 143.
- De deux Tangentes. L. IV. Art. 145, 147.
- Comment se divise par le milieu. L. IV. Art. 148.
- Sinus d'un Angle. L. IV. Art. 157.
- Sinus d'un Angle Aigu est Sinus de l'Obtus son Complement. L. IV. Art. 165.
- Secante d'un Angle. L. IV. Art. 168.
- Alternando. L. V. Art. 45.
- Antiparallele. L. II. Art. 34.
- Comment coupe les Côtes d'un Triangle. L. V. Art. 86-89.
- Arcs. Portions de Circonference. L. I. Art. 15.
- Arcs semblables. L. I. Art. 16.

DES MATIERES. 5

Arcs égaux. L. I. Art. 33. L. IV. Art. 18.

Partager un Arc en deux Parties égales. L. IV. Art. 17. L. I. Art. 61.

Arcs semblables soutenus par des Cordes Proportionnelles aux Rayons. L. V. Art. 82.

Sur une même Corde on ne peut pas bâtir deux Arcs semblables, à moins qu'ils ne soient aussi égaux. L. IV. Art. 184, 185.

Achever un Cercle dont on a un Arc. L. IV. Art. 35.

Décrire un Arc désiré sans en avoir le Centre. L. IV. Art. 70.

B.

B *Axe d'un Triangle.* L. II. Art. 7.

Distance du Sommet à la Baze. L. IV. Art. 72.

Triangle Perpendiculaire sur sa Baze. L. IV. Art. 71.

Panché sur sa Baze. L. IV. Art. 72.

Quand deux Triangles reposent sur la même Baze, quel a un plus grand Angle au sommet. L. II. Art. 57. L. IV. Art. 76.

Baze coupée proportionnellement aux Côtez. L. V. Art. 67.

Parallelogrammes & Triangles de même hauteur, sont entr'eux comme leurs Bazes & reciproquement. L. V. Art. 193. & suivans.

C.

C *Arte.* L. V. Art. 137 138.

Cathetes. L. II. Art. 20.

Centre. L. I. Art. 12.

Centre d'un Polygone. L. VI. Art. 8.

Trouver le Centre d'un Cercle. L. IV. Art. 37.

Génération du Cercle. L. I. Art. 14.

Circonférence se divise en Degrez, Minutes, &c. L. I. Art. 17.

Décrire un Cercle dont on a un Arc. L. IV. Art. 37.

- Demi-Cercle. L. I. Art. 18.
 Cercles Concentriques & Excentriques. L. IV.
 Art. 173.
Cercles qui se croisent n'ont pas le même Centre.
 L. IV. Art. 187.
Cercles qui se croisent ne se coupent qu'en deux
 points. L. I. Art. 37.
 Comment la Ligne qui joint leurs Centres est
 coupée. L. IV. Art. 183.
 Faire toucher des Cercles. L. IV. Art. 189.
 La Ligne qui joint leurs Centres passe par le
 point d'attouchement. L. IV. Art. 190, 191.
 Les Cercles qui se touchent n'ont pas le même
 Centre. L. IV. Art. 197. ne se touchent qu'en
 un point. L. IV. Art. 195.
 Faire toucher deux Cercles par un troisième.
 L. IV. Art. 198.
 Inscrire un Cercle dans un Quarré. L. VI. Art.
 47. dans un Polygone. Art. 54. dans un
 Triangle. L. VI. Art. 44.
 Décrire un Cercle autour d'un Quarré. L. VI.
 Art. 48.
 Autour d'un Polygone. L. VI. Art. 53.
 Autour d'un Triangle. L. IV. Art. 37.
 Décrire un Triangle autour d'un Cercle. L. VI.
 Art. 42.
 Les Circonférences des Cercles sont entr'elles
 comme les Rayons. L. VI. Art. 62.
 Surface du Cercle. L. VI. Art. 65, 73.
 Cercles en Raison doublée de leurs Rayons ou
 Diamètres. L. VI. Art. 69.
Quarrer des Portions de Cercle. L. VI. Art. 72.
 Raison d'un Cercle à son Quarré Circonscrit.
 L. VI. Art. 75.
 Cordes. L. I. Art. 22.
 Cordes sont plus petites à mesure qu'elles s'eloi-
 gnent du Diamètre. L. IV. Art. 12.
 Eloignement des Cordes du Centre. L. IV. Art.
 22, 23. du Diamètre. L. IV. Art. 26, 30.
 Les

DES MATIERES. 7

Les Cordes également éloignées du Centre, sont égales & reciproquement. L. IV. [Art. 24, 25.](#)

Elles sont partagées en deux Parties égales par un Rayon Perpendiculaire. L. IV. [Art. 14.](#)

Les Cordes égales sont tendues sous des Arcs égaux & reciproquement. [L. I. Art. 29.](#)

Corde égale au Rayon & tendue sous la sixième partie du Cercle. L. IV. Art. 33.

Des Cordes Paralleles enferment des Arcs égaux & reciproquement. L. IV. Art. 18, 19.

Tirer des Cordes Paralleles. L. IV. Art. 20. & égales. Art. 21.

Deux Cordes ne se coupent pas reciproquement par le milieu. L. IV. Art. 21.

Sur une Corde donnée, décrire un Segment capable d'un Angle donné. L. IV. Art. 69, 142.

Dans un Cercle donné, tirer une telle Corde. L. IV. Art. 71, 141.

Cordes Proportionelles. L. V. Art. 85.

Reciproques. L. V. Art. 90.

Cordes coupent les Jambes d'un Angle reciproquement. L. V. Art. 72.

Cordes Moyennes Proportionelles. L. V. Art. 77, 91.

Quarré de la Moitié d'une Corde à quoi égal. L. V. Art. 231.

Complement d'un Parallelogramme. L. III. Art. 38.

Us sont égaux. L. III. Art. 39. L. V. Art. 226.

Complement d'un Arc au Cercle. L. IV. Art. 162. à la même Corde. Art. 163.

Complement d'un Arc au Demi-Cercle. L. IV.

Art. 164. a le même Sinus. Art. 165.

Componendo. L. V. Art. 49.

Convertendo. L. V. Art. 50.

Ligne Courbe. [L. I. Art. 8.](#)

D.

Diagonale. L. III. Art. 10.

Divise le Parallelogramme en deux Parties égales. L. III. Art. 11.

I 4

Deux

- Deux Diagonales se coupent reciproquement
par le milieu. L. III. Art. 13. & Perpendicu-
lairement dans un Rhombe. *ibid.*
- Une Ligne, qui partage la Diagonale par le milieu,
est aussi partagée en deux parties égales. L. III.
Art. 12.
- La Diagonale partage par le milieu l'Angle d'un
Quarré. L. III. Art. 31.
- Quand les Diagonales sont égales, le Quadrila-
tere est Rectangle. L. III. Art. 10.
- Les Parallelogrammes traversés par la Diago-
nale, ont leurs Côtes proportionels & reci-
proquement. L. V. Art. 75, 76.
- Diametre. L. I. Art. 26.
- Il divise le Cercle en deux parties égales. L. I.
Art. 27.
- C'est la plus grande des Cordes. L. IV. Art. 11.
- Les Diamètres se coupent par le milieu. L. IV.
Art. 21.
- Quand Moyens Proportionels. L. V. Art. 79.
- Le Quarré d'un Diamètre à quoi égal. L. V.
Art. 227.
- Distance des Points. L. I. Art. 6.
- des Lignes Droites. L. I. Art. 71.
- des Cercles. L. IV. Art. 177.
- Dividendo. L. V. Art. 46, 50.
- Diviser une Ligne en deux Parties égales. L. I.
Art. 59.
- En autant qu'on voudra. L. V. Art. 112, 114.
- Proportionnellement à une autre. L. V. Art. 119,
120, 121.
- En sorte que ses Segmens soutiennent des An-
gles égaux. L. IV. Art. 55, 56.
- En Moyenne & Extrême Raison. L. V. Art. 105.
- Diviser un Arc en deux Parties égales. L. I. Art. 61.
L. IV. Art. 17.
- Un Demi-Cercle. L. I. Art. 19.
- Un Angle en deux Parties égales. L. I. Art. 60.
- Entrois. L. II. Art. 90.

DES MATIERES. 9

Diviser un Triangle par des Lignes tirées du sommet. L. V. Art. 172.

Tirées des trois Angles. L. V. Art. 176.

Qui aboutissent sur un Côté. L. V. Art. 174.

Par des Paralleles. Art. 283.

Un *Trapezoïde*. L. V. Art. 173.

Un *Quadrilatere* par une Ligne tirée d'un Angle. L. V. Art. 179, 180.

En parties dont la Raison soit donnée. L. V. Art. 281.

Aboutissant sur un Côté. Art. 283.

Par une Ligne Parallele à un Côté en Raison donnée. L. V. Art. 284.

Un *Parallelogramme* par des Lignes qui aboutissent sur un Côté. L. V. Art. 181, 182.

Diviser un Multilatere par des Lignes Paralleles à un Côté. L. V. Art. 285.

Diviser une Figure par des Lignes qui aboutissent à un point, pris dans sa Surface. L. V. Art. 286.

E.

E Chelle. L. V. Art. 118, 121.

Equerre. L. I. Art. 69.

Pliante. L. V. Art. 147.

Figures *Equiangles* sont en Raison doublée de leurs Côtés Homologues. L. V. Art. 272. & suivans.

Triangles *Equiangles*. L. II. Art. 29. Voyez Triangles.

Espace n'est pas fermé par deux Lignes Droites. L. I. Art. 9.

Exposant d'un Rapport. L. V. Art. 28.

Le Trouver. L. V. Art. 29.

Egalité d'Exposans fonde la Proportion. L. V. Art. 31.

F.

Quelles sont les Figures qui s'ajustent parfaitement. L. VI. Art. 78.

G.

G Nomon, à quoi égal. L. III. Art. 44.

H.

H Auteur d'un Triangle. L. II. Art. 76.

Sur une Hypoténuse donnée, élever un Triangle Rectangle d'une Hauteur déterminée. L. IV. Art. 51.

Mesurer une *Hauteur accessible*. L. V. Art. 123.

Une *Panchée*. L. V. Art. 129.

Une *Inaccessible*. L. V. Art. 127.

La Hauteur d'une Nuée. L. V. Art. 130.

Disposer une Ligne Horizontalement. L. IV. Art. 92.

Homologues. L. V. Art. 34.

Hypoténuse. L. II. Art. 20.

Si l'Hypoténuse est *Diamètre*, par où passera la *Circonférence*. L. IV. Art. 49, 54.

Sur une Hypoténuse donnée, élever un Rectangle d'une Hauteur donnée. L. IV. Art. 52.

Quarré de l'Hypoténuse. L. V. Art. 245.

Figures semblables bâties sur l'Hypoténuse & sur les Côtés, quelle Raison ont-elles. L. VI. Art. 70, 71.

I.

I Figure Inscrite. L. VI. Art. 1.

Inscrire un Quarré. L. VI. Art. 17.

Un Triangle Ifoſcele sur une Corde donnée. Art. 18.

Ligne.

L.

- L**igne. L. I. Art. 2.
 Ligne Droite. L. I. Art. 4.
 Comment on s'en assure. L. I. Art. 5.
 Elle mesure les distances des Points. L. I. Art. 6.
 Elle ne se distribue pas en deux Segmens. L. I. Art. 7.
 Deux Lignes Droites ne ferment pas un Espace. L. I. Art. 9.
 Partager une Ligne Droite en deux parties égales. L. I. Art. 59.
 En autant de parties égales qu'on voudra. L. V. Art. 112, 114.
 En Moyenne & Extrême Raison. L. V. Art. 105.
 En sorte que ses Segmens soutiennent des Angles égaux. L. IV. Art. 55, 56.
 Comparaison des Lignes tirées d'un Point du Cercle, différent du Centre à la Circonférence. L. IV. Art. 38.
 Mesurer une Ligne accessible dans ses deux extrémités. L. V. Art. 134.
 dans une seulement. L. II. Art. 44. L. V. Art. 135.
 Une inaccessible. L. V. Art. 136.
 Lignes Perpendiculaires. L. I. Art. 42.
 Oblique. L. I. Art. 44.
 Quand égales. L. I. Art. 72, 105, 109, 115.
 Elles se joignent. L. I. Art. 134.
 Losanges. L. III. Art. 8.
 Leurs Diagonales se coupent à Angles Droits. L. III. Art. 13.

M.

- M**esure commune. L. V. Art. 6.
 Comment on trouve la plus Grande. L. V. Art. 11.

Ligne Droite Mesure de la distance des Points.
L. I. Art. 6.

Ligne Perpendiculaire Mesure de la distance des Lignes. L. I. Art. 71.

Mesurer les Hauteurs. Voyez Hauteurs.

Mesurer les Lignes. Voyez Lignes.

Mesurer un Talus. L. V. Art. 133.

Trouver une Moyenne Proportionnelle. L. V. Art. 101.

Dans un Triangle Isoscele un Côté est Moyen Proportionnel, entre sa Baze & le Côté d'un autre. L. V. Art. 69.

Une Jambe de l'Angle du Segment. L. V. Art. 77.

Quand un Côté de Triangle est Moyen Proportionnel entre les deux Segmens de l'autre. L. V. Art. 89.

Corde Moyenne Proportionnelle entre le Diamètre & son Segment. L. V. Art. 77.

Diamètre Moyen Proportionnel entre une Secante & son Segment. L. V. Art. 79.

La Moitié d'une Corde Perpendiculaire sur le Diamètre est Moyenne Proportionnelle entre le Diamètre & son Segment. L. V. Art. 91.

Multiple. L. V. Art. 16.

O.

O Bliques. Voyez Lignes.

P.

P Aralleles, leur Génération. L. I. Art. 81.

Tirer une Parallele, par un Point donné. L. I. Art. 84, 91. L. III. Art. 29. L. IV. Art. 20.

Sur le Terrain. L. I. Art. 92.

à une Ligne inaccessible. L. IV. Art. 78.

Leurs Caractères. L. I. Art. 82, 83, 85, 89.

On n'en peut pas mener deux par le même point. L. I. Art. 101.

Gar-

Gardent la même distance. L. I. Art. 111.

Les égales sont jointes par des Paralleles & égales. L. I. Art. 115.

Les Cordes Paralleles enferment des Arcs égaux & reciproquement. L. IV. Art. 18, 19.

Les Portions de deux Lignes, qui coupent des Paralleles, sont Proportionelles. L. V. Art. 40. & reciproquement. L. V. Art. 51.

Parallelogrammes. L. III. Art. 2.

Partagez par la Diagonale. L. III. Art. 11.

Ils ont égaux leurs Côtés oppozés. L. III. Art. 17. & leurs Angles. L. III. Art. 16.

Qui connoit un Angle les connoit tous. L. III. Art. 24.

Tracer un Parallelogramme. L. III. Art. 28.

Les Parallelogrammes traversez par la Diagonale, ont leurs Côtés Proportionels & reciproquement. L. V. Art. 75, 76.

Lignes Paralleles à leurs Côtés se coupent reciproquement. L. V. Art. 78.

Parallelogrammes égaux. L. V. Art. 141, 142, 209, 213.

Faire un Parallelogramme égal à un autre, & avec un Angle donné. L. V. Art. 156, 157, 159.

Faire un Rectangle égal à un Parallelogramme. L. V. Art. 149.

Quand égal à un Triangle. L. V. Art. 152.

Quand double. L. V. Art. 154.

Diviser un Parallelogramme par des Lignes qui aboutissent sur un Côté. L. V. Art. 181, 182.

Les Parallelogrammes sont entr'eux comme leurs Bases, quand ils sont entre les mêmes Paralleles. L. V. Art. 193.

Faire des Parallelogrammes en Raison donnée. L. V. Art. 280.

Parties Aliquotes. L. V. Art. 3.

Aliquantes. L. V. Art. 4.

L'unité est toujours partie Aliquote. L. V. Art. 5.

Parties Aliquotes, sont *Mesures Communes*. L. V.
Art. 6.

Perpendiculaire. L. I. Art. 42.

L'élever sur un Point d'une Ligne donnée. L.
I. Art. 54.

Sur le Terrain. L. I. Art. 70.

Sur une extrémité. L. I. Art. 57. L. II. Art. 91.

L. III. Art. 32. L. IV. Art. 54. L. V. Art. 144.

D'un point donné hors d'une Ligne. L. I. Art.
58.

Manière de les justifier. L. I. Art. 69.

Perpendiculaire sur un Angle. L. I. Art. 63.

Sur une Circonférence. L. IV. Art. 89.

C'est la plus courte qui se tire d'un Point sur
une Ligne. L. I. Art. 65.

Mesure de distances. L. I. Art. 132.

On n'en peut tirer qu'une sur un Point & d'un
Point. L. I. Art. 66, 67.

Perpendiculaires sont Paralleles. L. I. Art. 87.

Elles sont égales entre les mêmes Paralleles.
L. I. Art. 104.

Elles tombent du côté de l'Angle aigu. L. I.
Art. 121.

Quand tirées sur deux Lignes, elles se rencon-
trent. L. I. Art. 128.

La Perpendiculaire tirée du sommet sur la Ba-
ze d'un Triangle en mesure la Hauteur. L.
II. Art. 76.

Une Perpendiculaire abaissée depuis un Angle
d'un Triangle, tombe toujours dans le Trian-
gle s'il est Oxygone. L. II. Art. 26. & aussi
dans le Rectangle & l'Amblygone, si elle
est abaissée depuis l'Angle Droit ou Obtus.
L. II. Art. 27.

Mais dans l'Obtusangle elle tombe sur la Ba-
ze prolongée, si elle est abaissée depuis un
Angle aigu. L. II. Art. 28.

Trois Perpendiculaires sur les trois Côtés d'un
Triangle, depuis l'intersection des Lignes
qui

DES MATIERES. 15

qui partagent les Angles par le milieu *sont égales*. L. II. Art. 97.

Trois Perpendiculaires tirées des trois Angles sur trois côtez opposez *se croisent en un Point*. L. II. Art. 101.

La Perpendiculaire tirée du Sommet sur la Base d'un *Isocele*, partage par le milieu cet Angle & cette Base. L. II. Art. 72.

Si elle est tirée de l'Angle & d'un Equilateral sur le Côté opposé, elle fera les mêmes divisions. L. II. Art. 87.

Un Rayon est Perpendiculaire sur une Corde qu'il partage par le Milieu. L. IV. Art. 14.

Plan: d'un Petit en faire un Grand & Reciproquement. L. V. Art. 119, 120, 121.

Proportion. L. V. Art. 22.

Maniere de l'exprimer. L. V. Art. 35.]

Arithmetique. L. V. Art. 24.

Geometrique. L. V. Art. 25.

Continuë. L. V. Art. 33.

Les Portions de deux Lignes coupées par des Paralleles, sont *Proportionnelles* & reciproquement. L. V. Art. 40, 51, 52.

Les Côtez des Triangles Equiangles sont *Proportionels* & comment, & reciproquement. L. VI Art. 61, 62, 63, 64.

Trouver une *quatrième Proportionelle*. L. V. Art. 99.

Une *Troisième*. L. V. Art. 100.

Une Moyenne. L. V. Art. 101.

Voyez *Moyenne*.

Compas de Proportion. L. V. Art. 113.

Proportions.

Alternando. L. V. Art. 45.

Componendo. L. V. Art. 49.

Convertendo. L. V. Art. 51.

Dividendo. L. V. Art. 46, 50.

Quand on a quatre Proportionelles, le produit des extrêmes est égal au produit des Moyennes. L. V. Art. 212. Le

- Le Quarré de la Moyenne Proportionnelle est égal au produit des Extrêmes. L. V. Art. 220.
- Polygones.* L. VI. Art. 2.
- Regulier. L. VI. Art. 4.
- Quand les Côtez sont égaux les Angles le sont aussi. L. VI. Art. 3.
- Les Reguliers d'un pareil Nombre de Côtez sont Equiangles. L. VI. Art. 5.
- Polygones Inscrits, dont le nombre des Côtez est pair, ont leurs Côtez opposez Paralleles. L. VI. Art. 19.
- Inscrire un Polygone qui ait le double de Côtez ou la moitié moins. L. VI. Art. 16.
- Décrire un Polygone quand on en a un Inscrit. L. VI. Art. 20.
- Un Polygone Inscrit d'un plus grand nombre de Côtez est plus grand & a plus de Circuit. L. VI. Art. 22, 23.
- Un Décrit d'un plus petit nombre de Côtez est plus grand & a plus de Circuit. L. VI. Art. 24, 25.
- Polygones Inscrits sont Equiangles s'ils sont Equilateraux. L. VI. Art. 27.
- Dans un Polygone Equiangle si deux Côtez qui se touchent sont égaux, ils seront tous égaux. L. VI. Art. 28.
- Quand les Angles sont égaux, quoique leurs Côtez soient inégaux. L. VI. Art. 29.
- Tels Polygones sont toujours Pairs. Art. 34.
- Inscrire un Decagone. L. 6. Art. 49.
- Un Pentagone. Art. 51.
- Un Hexagone. Art. 52.
- Les Polygones ont leurs Circuits Proportionels à leurs Rayons. L. VI. Art. 61.
- Surface d'un Polygone. L. VI. Art. 64.
- Polygones semblables en Raison doublée de leurs Côtez. L. VI. Art. 67.

Q.

- Q**uadrilatere. L. III. Art. 1.
 Ses Angles valent quatre Droits. L. II.
 Art. 16.
- Quadrilatere Inscrit a ses Angles opposez égaux à
 deux Droits. L. IV. Art. 63, 65.
- Quand ils sont égaux, chacun est Droit. L. IV.
 Art. 66.
- Et aussi quand les Côtez opposez sont Paralleles.
 L. IV. Art. 63.
- Dans un Quadrilatere Inscrit, le Rectangle sous
 les deux Diagonales à quoi égal. L. V.
 Art. 251.
- Transformer* un Quadrilatere Irregulier en Rec-
 tangle. L. V. Art. 158.
- Transformer* un Quadrilatere en un Triangle,
 dont le sommet aboutisse en un Point don-
 né. L. V. Art. 166.
- Un Quadrilatere avec un Angle rentrant. L. V.
 Art. 168.
- Diviser un Quadrilatere par une Ligne tirée
 d'un Angle. L. V. Art. 179, 180.
- En deux parties, dont la Raison soit donnée. L.
 V. Art. 281.
- Par une Ligne Parallele à un Côté. L. V. Art. 284.
- Retrancher d'un Quadrilatere une portion don-
 née. L. V. Art. 282.
- Quantité*. LV. Art. 1.
- Quantitez Homologues. L. V. Art. 34.
- Quantitez égales ont même Raison à la même. L.
 V. Art. 37.
- Irrationelles*, comment deviennent Rationel-
 les. L. V. Art. 19.
- Comment s'agencent en Proportion. L. V.
 Art. 54.
- Quarré. L. III. Art. 7.
- Eriger un Quarré* sur une Ligne donnée. L. III.
 Art. 30. La

La Diagonale partage ses Angles par le milieu.

L. III. Art. 31.

Est composé de 4 parties. L. III. Art. 42.

Quarré du Diamètre. L. V. Art. 227.

d'une Tangente. L. V. Art. 229.

de la Moitié d'une Corde. Art. 231.

d'une Corde. 241, 251.

d'un Côté de Triangle. Art. 233, 243.

de la Perpendiculaire sur l'Hypoténuse. 242.

de l'Hypoténuse. 244.

de la Moyenne Proportionnelle. 220.

Faire des Quarrez en Raison donnée. L. V.

Art. 278.

Raison d'un Quarré à son Cercle Inscrit. L. VI.

Art. 75.

R.

R Acine-Quarrée. L. V. Art. 263.

En Ligne. Art. 264.

Rapport ou Raison. L. V. Art. 13.

Arithmétique. L. V. Art. 14.

Géométrique. L. V. Art. 15.

Exposant d'un Rapport. L. V. Art. 28.

Les mêmes Quantitez ont la même Raison à la

même. L. V. Art. 37.

Quantitez Irrationnelles. L. V. Art. 19.

Voyez Quantité.

Raison composée. L. V. Art. 207.

Raison doublée. L. V. Art. 268.

Figures semblables sont en Raison doublée de

leurs Côtés. L. V. Art. 272, 276.

Faire des Figures en Raison donnée. L. V. Art.

278-281.

Reciproques. L. V. Art. 87.

Trouver des Reciproques. L. V. Art. 94, 95.

Rectangles. L. III. Art. 9.

Sont Parallelogrammes. L. III. Art. 19.

Ont leurs Diagonales égales. L. III. Art. 20.

Fai-

DES MATIÈRES. 19

Faire un Rectangle égal à un Parallelogramme. L. V. Art. 149.

égal à un Triangle. L. V. Art. 155.

égal à un Quadrilatere Irregulier. L. V. Art. 158.

Faire des Rectangles en Raison donnée. L. V. Art. 279.

Rhombes. L. III. Art. 8.

Rhomboïdes. L. III. Art. 8.

Retrancher d'un Triangle un Triangle, par une Ligne Parallele à un des Côtez. L. V. Art. 177.

Un Multilatere. L. V. Art. 178.

S.

S *Egment.* L. I. Art. 23.

Grand Segment & son Angle. L. IV. Art. 55, 57.

Petit Segment & son Angle. L. IV. Art. 65.

Sur la même Corde de deux Cercles differents, on ne peut faire deux Segmens semblables. L. IV. Art. 184.

Secantes Interieures & Exterieures. L. IV. Art. 38 & 39.

Secante d'un Arc ou d'un Angle. L. IV. Art. 168.

Secante de 30 degrez égale à la Corde du Quart de Cercle. L. IV. Art. 170.

Secantes & leurs Segmens. Rectangles sous ces deux Parties. L. V. Art. 227, 229, 234.

Figures semblables. 271.

leur Raison. 272.

Sinus Droit. L. IV. Art. 154.

Verse. Art. 155.

Total. Art. 156.

Sinus d'un Arc c'est le Sinus d'un Angle. Art. 157.

Sinus d'un Angle & de son Complement. Art. 165.

Faire des Sinus quand on a des Cordes. L. IV. Art. 167. & reciproquement.

Sinus de 30 degrez, moitié du Rayon. L. IV. Art. 166.

Si-

Sinus Proportionels aux Rayons. L. V. Art. 83.

Sommet.

Distance du Sommet d'un Triangle à sa Base.

L. IV. Art. 72.

T.

T *Alus*, comment se mesure. L. V. Art. 133.

Tangente L. IV. Art. 88.

Perpendiculaire sur le Rayon. L. IV. Art. 89. ne
touche le Cercle qu'en un Point. L. IV. Art. 90.

Tirer une Tangente d'un Point donné. L. IV.
Art. 94.

Parallele à une Corde. L. IV. Art. 98.

On n'en peut tirer que deux égales du même
Point. L. IV. Art. 95, 96.

Mesure de l'Angle d'une Tangente & d'une Cor-
de. L. IV. Art. 137.

d'une Tangente & d'une Secante. L. IV.
Art. 140.

de deux Tangentes. L. IV. Art. 148.

Tangente de 45 degrez égale au Rayon. L. IV.
Art. 169.

Tirer une Tangente à deux Cercles. L. IV. Art. 199.
Proportions de leurs Arcs. Art. 200.

Quarré d'une Tangente à quoi égal. L. V. Art.
229.

Trapeze. L. III. Art. 5.

Trapezoïde. L. III. Art. 4.

Quand deux Trapezoïdes sont égaux. L. V.
Art. 148.

Diviser un Trapezoïde en parties égales. L. V.
Art. 173.

Triangle. L. II. Art. 6.

Baze & Sommet d'un Triangle. L. II. Art. 7.

Deux Côtez plus grands que le troisiéme. L.
II. Art. 8.

De combien. L. II. Art. 100.

Trois Angles égaux à deux Droits. L. II. Art. 10.
L'Ex-

DES MATIERES. 21

L'Exterieur égal à l'Interieur opposé. L. II.
Art. 17.

Un plus grand Angle opposé à un plus grand
Côté & reciproquement. L. II. Art. 58, 59.

On peut *reduire un Multilatere* en autant de
Triangles qu'il a de Côtés ; ou autant qu'il a
de Côtés moins deux. L. II. Art. 13.

Triangles *Rectangles*. L. II. Art. 18.

Obtusangles. L. II. Art. 21.

Acutangles. L. II. Art. 24.

Equiangles. L. II. Art. 29, 31, 32, 33,
35, 36, 37.

Ont leurs Côtés Proportionels & reciproque-
ment. L. V. Art. 61, 62, 65.

Comment s'établit cette Proportion. L. V.
Art. 64.

La Perpendiculaire tirée du Sommet de l'Angle
Droit sur la Baze, partage un Triangle Rec-
tangle en deux Triangles Equiangles entr'eux
& avec celui qu'ils composent. L. II. Art. 36.

Faire un Triangle *Rectangle* égal à un autre
Triangle. L. V. Art. 150.

Le Quarré du Côté opposé à l'Angle Droit, à
quoi égal. L. V. Art. 244.

Le Quarré du Côté opposé à l'Angle Obtus. L.
V. Art. 265.

Le Quarré d'un Côté d'un Triangle Acutangle.
L. V. Art. 266.

Hauteur d'un Triangle. L. II. Art. 76.

Triangle élevé perpendiculairement sur sa Baze.
L. IV. Art. 72.

Triangle *Scalene*. L. II. Art. 59.

Isosele. L. II. Art. 62.

Equilateral. L. II. Art. 77, 80.

Le Scalene a ses trois Angles inégaux. L. II.
Art. 60.

La Ligne qui partage, en deux parties égales, un
Angle d'un Scalene, ne partage pas par le mi-
lieu le Côté opposé. L. II. Art. 94.

Un

- Un Iſoſcele a les deux *Angles de la Baze* & ſous la Baze égaux. L. II. Art. 68, 71.
- Qui en connoît un connoît les trois. L. II. Art. 69.
- La Ligne qui partage en deux parties égales le Sommet d'un Iſoſcele, partage ſa Baze par le milieu & perpendiculairement & reciproquement. L. II. Art. 72-75.
- Faire un Iſoſcele d'une Hauteur déterminée. L. II. Art. 77.
- égal à un Rectangle. L. V. Art. 170.
- Faire un Iſoſcele qui ait l'Angle du Sommet moitié de celui de la Baze. L. VI. Art. 50.
- Un Equilateral a chacun de ſes *Angles de 60 de- grez*. L. II. Art. 57.
- Il a de tout côté les *proprietez d'un Iſoſcele*. L. II. Art. 81, 86, 87.
- Tous les Equilateraux ſont *Equiangles*. L. II. Art. 85.
- Le *Circuit* d'un Equilateral eſt plus petit que celui d'un Rectangle, auquel il eſt égal en Surface. L. V. Art. 144.
- Faire un Triangle égal à un autre. L. II. Art. 38, 41, 42, 45, 51, 52, 54, 56.
- Triangles entre les mêmes Paralleles, ou de même Hauteur, ſur la même Baze, ou ſur des Bazes égales, ſont égaux. L. V. Art. 143, 145, 146.
- Si deux Triangles ont un Angle égal & les Côtés qui le renferment reciproques, ils ſont égaux. L. V. Art. 215.
- Faire un Triangle égal à un autre avec un Angle déterminé. L. V. Art. 151.
- Egal à pluſieurs. L. V. Art. 147.
- à un Quadrilatre. L. V. Art. 167.
- Un Triangle égal à un Parallelogramme qui n'a que la moitié de Baze. L. II. Art. 52.
- Conſerver l'égalité de la Surface en changeant la Hauteur ou la Baze. L. V. Art. 161-165.
- Quand

DES MATIERES. 23

Quand deux Triangles ont un Angle égal & les Côtés qui le renferment Reciproques, ils sont égaux. L. V. Art. 215.

Les Perpendiculaires tirées des Angles sur les Côtés oppoſez ſe croiſent en un même point. L. II. Art. 101.

Les Lignes qui partagent par le milieu les Angles ſe croiſent encore en un même point. L. II. Art. 98.

De ce point les Perpendiculaires tirées ſur les Côtés ſont égales. L. II. Art. 99.

Les Triangles de même Hauteur ſont entr'eux comme leurs Bases. L. V. Art. 195.

Quand eſt-ce que les Côtés d'un Triangle Extérieur ſont plus grands, que ceux de l'Intérieur? L. II. Art. 57.

Quand eſt-ce qu'ils ſont plus petits? L. II. Art. 96.

Si les Côtés ſont égaux & les Angles du Sommet inégaux; au plus grand Angle ſera oppoſée la plus grande Baſe. L. II. Art. 49.

Raiſon d'un Côté à la Somme des deux autres. L. V. Art. 97.

Côtés coupez proportionnellement par une Parallele. L. V. Art. 57.

Par une Antiparallele. L. V. Art. 86-89.

Les Triangles Equiangles ont leurs Côtés Proportionels & reciproquement. L. V. Art. 61-62.

Quand quelques Côtés ſeulement ſont Proportionels. L. V. Art. 66.

Quand deux Triangles reposent ſur la même Baſe, quel a un plus grand Angle au Sommet? L. II. Art. 57. L. IV. Art. 76.

La Baſe, la Parallele, un Côté & ſon Segment ſupérieur ſont Proportionels. L. V. Art. 59.

Baſe d'un Triangle partagée Proportionnellement aux Côtés. L. V. Art. 69.

Faire des Triangles en Raiſon donnée. L. V. Art. 281.

- Diviser un Triangle par des Lignes tirées du Sommet.* L. V. Art. 174.
Par des Lignes tirées des 3 Angles. L. V. Art. 176.
Par des Lignes qui aboutissent sur un Côté. L. V. Art. 174.
Des Lignes Paralleles. Art. 283.
Retrancher d'un Triangle un Triangle. L. V. Art. 177.
Un Multilatere. L. V. Art. 178.
Décrire un Cercle autour d'un Triangle. L. IV. Art. 32.
Transformer un Triangle en un autre avec Angle donné. L. V. Art. 151.
En Triangle Rectangle. L. V. Art. 150.
Un Rectangle en Isocele & reciproquement. L. V. Art. 170.
Plusieurs en un. L. V. Art. 147.
En changeant la Hauteur ou la Baze. L. V. Art. 161-165.
En Parallelogramme avec Angle donné. L. V. Art. 150, 157.
En Rectangle. L. V. Art. 155, 160.
Sur la même Baze. L. V. Art. 156.
Transformer un Quadrilatere en Triangle. L. V. Art. 165, 168.
Qui aboutisse à un Point donné. L. V. Art. 166.
En Parallelogramme Rectangle. L. V. Art. 158.
Transformer un Parallelogramme en Triangle. L. V. Art. 152.
En Parallelogramme avec Angle donné. L. V. Art. 150.
En Rectangle. L. V. Art. 149.
Un Rectangle en Quarré. L. V. Art. 222.
Un Quarré en Rectangle. L. V. Art. 219.
Un Rectangle en un autre. L. V. Art. 218.
Un Trapezoïde en Rectangle. L. V. Art. 123.
Transformer un Multilatere en Triangle d'une hauteur déterminée. L. V. Art. 169, 171.
En Rectangle. L. V. Art. dernier. En

DES MATIERES. 27

En Multilatere semblable & d'une Quantité donnée. L. V. Art. dernier.

Toiser un Quadrilatere Rectangle. L. V. Art. 186.

Multilateres se reduisent en Triangles. L. V. Art. 187.

Un Triangle. Art. 156.

Un Trapezoïde: L. V. Art. 124.

Un Polygone. L. VI. Art. 64.

Un Cercle. L. VI. Art. 66.

Un Segment de Cercle. L. VI. Art. 77.

Secteur. L. VI. Art. 77.

Fin de l'Index des Matieres.



L I S T E

Des ELEMENS D'EUCLIDE,
Qui répondent aux Articles de cette Géometrie.

EUCLIDE		GÉOMETRIE.	
Liv. I.	Definitions.	Liv. I.	Articles.
	1		1
	2		2
	4		4
	5		3
	8, 9		38
	10, 11, 12		45
	14	L. II.	Art. 1
	15	L. I.	Art. 14
	16		12
	17		26
	19	L. II.	Art. 2
	20		6
	21	L. III.	Art. 1
	23	L. II.	Art. 77
	24		62
	25		59
	26		18
	27		21
	28		24
	29	L. III.	Art. 7
	30		9
	31, 32		8
	33		5
	34	L. I.	Art. 81
	35	L. III.	Art. 2
	36		38
Axiomes.			
	10	L. I.	Art. 7
	11		Art. 8
	13		Art. dernier
	14		Art. 9
			Liv.

LISTE DES EL. D'EUCLIDE. 27

EUCLIDE.

GEOMETRIE.

Liv. I. Prop. 1 L. II. Art. 80

4		45
5		68, 71
6		41
8		38
9	L. I.	Art. 60
10		59
11		54
12		58
13		47
14		48
15		78
18	L. II.	Art. 58
19		59
20		8
21		57
22		39
23	L. I.	Art. 41
24	L. II.	Art. 49
25		50
26		42
27	L. I.	Art. 90
28		81, 86
29		83, 85, 89
30		96
31		91
32	L. II.	Art. 10, 17
33	L. I.	Art. 115
34	L. III.	Art. 11
35	L. V.	Art. 141
36		142
37		143
38		145
41		152
42		157
43	L. III.	Art. 39

K 3

Liv

EUCLIDE.

GEOMETRIE.

Liv. I.	Prop. 44	L. V.	Art. 156
	45		169, 171, 157
	46	L. III.	Art. 30
	47	L. V.	Art. 245
	48		246
L. II.	Def. 1	L. V.	Art. 186
	Def. 2	L. III.	Art. 44
	Prop. 1	L. V.	Art. 194
	4	L. III.	Art. 43
	12	L. V.	Art. 265
	13		266
	14		169, 171, 150, 222
L. III.	Def. 1	L. IV.	Art. 87
	4		22, 23
	5	L. I.	Art. 23
	7	L. IV.	Art. 58
	8		40
	Propos. 1	L. IV.	Art. 37
	2	L. I.	Art. 24
	3	L. IV.	Art. 14
	4		21
	5		187
	7		38
	8		39
	9		36
	10	L. I.	Art. 37
	11	L. IV.	Art. 190
	12		191
	13		195
	14	L. IV.	Art. 24, 25
	15		11, 12
	16		99, 101
	17		93
	18		89
	19		91
	20		46
			Liv.

DES ELEMENS D'EUCLIDE. 29

EUCLIDE.		GEOMETRIE.	
Liv. III.	Prop. 21	L. IV.	Art. 48
	22		63
	23		184
	24		185
	25		35
	26	L. I. Art. 29, 30, 31	
	30		Art. 61
	32	L. IV.	Art. 138
	33		142
	34		141
	35	L. V.	Art. 230
	36		229
L. IV.	Def. 1	L. VI.	Art. 1
	2		Art. 11
	3		12
	4		21
	Prop. 2		41
	3		42
	4		44
	5	L. IV.	Art. 37
	6		17
	7		46
	8		47
	9		48
	10		50
	11	L. VI.	Art. 51
	15		52
L. V.	Def. 1	L. V.	Art. 2
	2		16
	3		13
	4		22
	9		33
	10		268, 272
	11		34
	Prop. 4		Art. 36
	7		37
			Liv.

30 LISTE DES EL. D'EUCLIDE.

EUCLIDE.		GEOMETRIE.	
Liv. V.	Prop. 11	Liv. V.	Art. 32
	16		45
	17		46, 50
	18		49
L. VI.	Def. 1	L. V.	Art. 271
	2		208
	3		103
	4	L. II.	Art. 76
		L. V.	Art. 199
	Prop. 1	L. V.	193
	2		57, 58
	3		67, 68
	4		61, 64
	5		62
	6		63
	7		65
	8		70
	9		112, 114
	10		119, 120, 121
	11		100
	12		99
	13		101
	14		209, 216
	15		215
	16		212
	17		220
	18		138
	19		275
	20		66, 67
	22		270
	23		274
	24		75
	25		Art. dernier.
	26		76
	30		105
	31	L. VI.	Art. 71

609082

5 BN



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

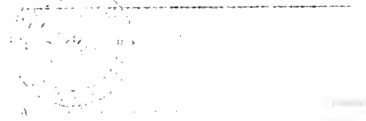
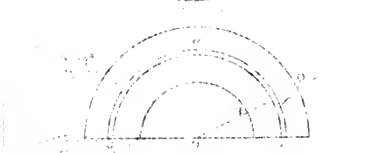
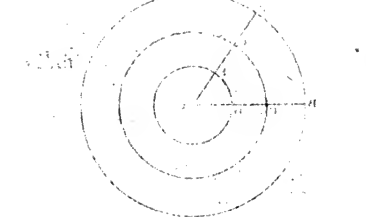
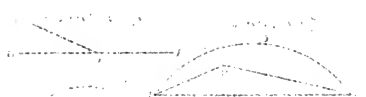


Fig. 1. Num. 4.

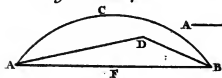


Fig. 2. Num. 6. 7.

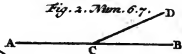
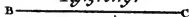
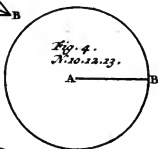


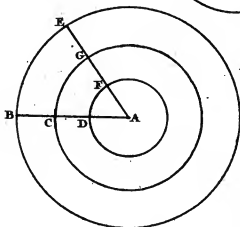
Fig. 3. N. 9.



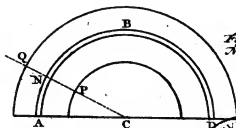
*Fig. 4.
N. 10. 12. 23.*

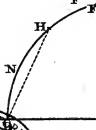
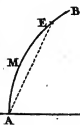
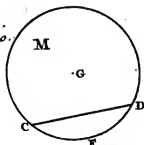
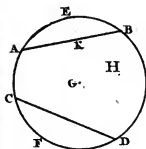
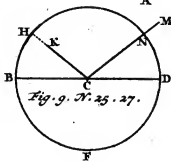
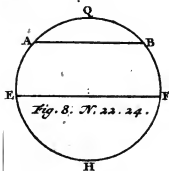
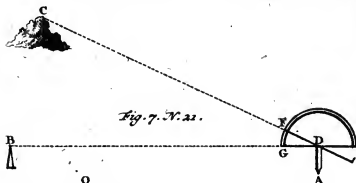


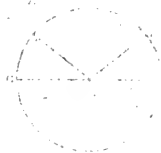
*Fig. 5.
N. 15. 16.*

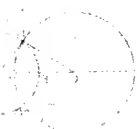
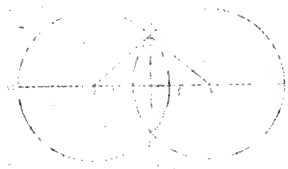


*Fig. 6.
N. 19.*









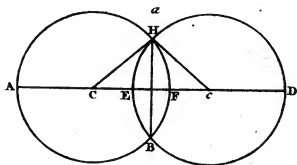
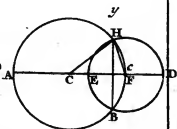
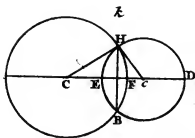
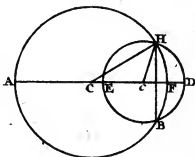
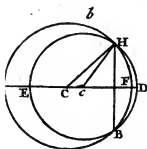
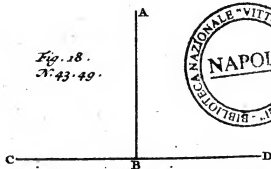
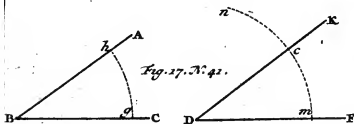
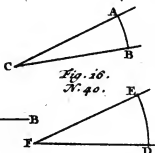
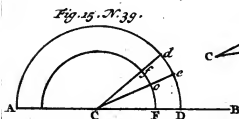
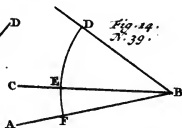
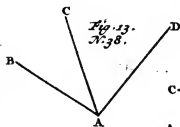
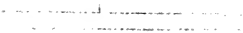


Fig. 12. N. 34.
35.36.37.







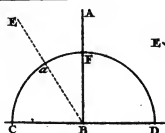


Fig. 19. N. 45. 47. 66.

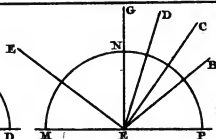


Fig. 20. N. 46. 50.

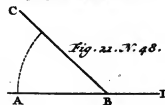


Fig. 21. N. 48.

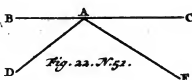
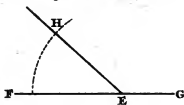


Fig. 23. N. 52.

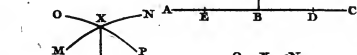


Fig. 24. N. 54.

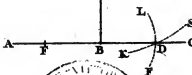


Fig. 25. N. 55.



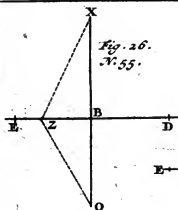


Fig. 26.
N. 55.

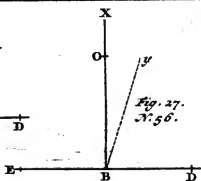


Fig. 27.
N. 56.

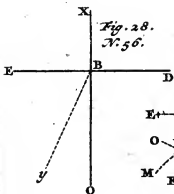


Fig. 28.
N. 56.

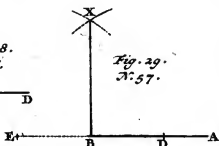
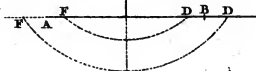
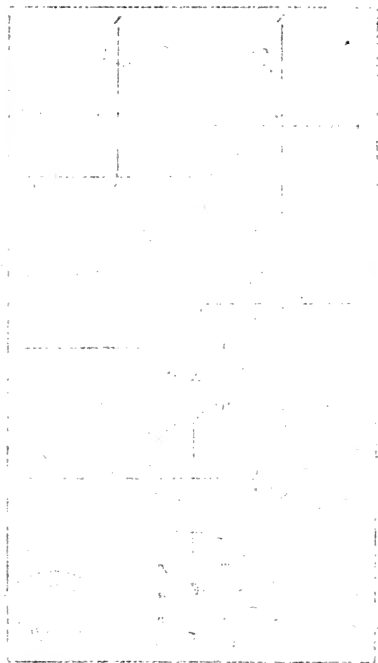


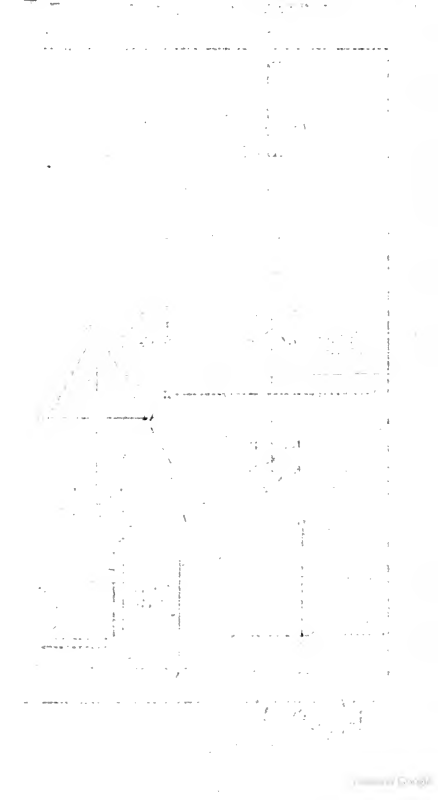
Fig. 29.
N. 57.



Fig. 30. N. 58.







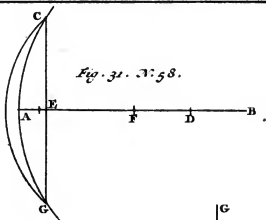


Fig. 31. N. 58.

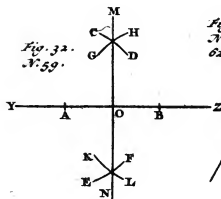


Fig. 32.
N. 59.

Fig. 33.
N. 60. 61.
62. 64. 65.

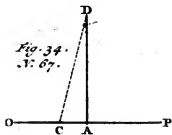
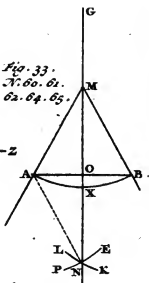


Fig. 34.
N. 67.

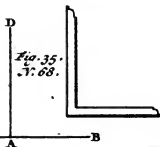
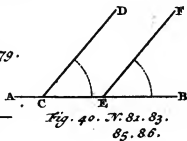
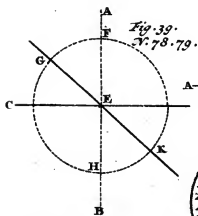
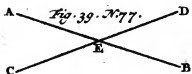
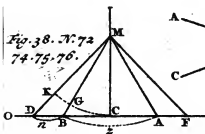
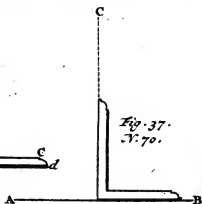
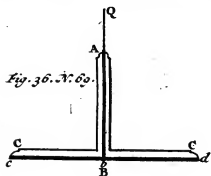


Fig. 35.
N. 68.





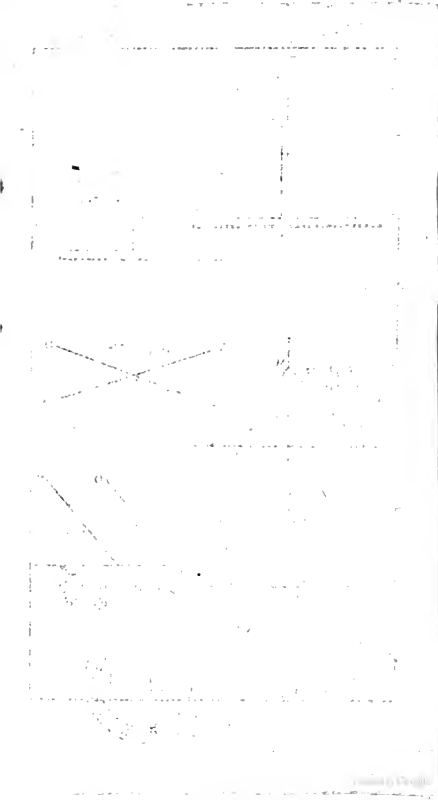


Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

Figure 6

Figure 7

Figure 8

Figure 9

Figure 10

Figure 11

Figure 12

Figure 13

Figure 14

Figure 15

Figure 16

Figure 17

Figure 18

Figure 19

Figure 20

Figure 21

Figure 22

Figure 23

Figure 24

Figure 25

Figure 26

Figure 27

Figure 28

Figure 29

Figure 30

Figure 31

Figure 32

Figure 33

Figure 34

Figure 35

Figure 36

Figure 37

Figure 38

Figure 39

Figure 40

Figure 41

Figure 42

Figure 43

Figure 44

*Fig. 42. N. 88.
89. 90.*

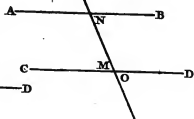


Fig. 41. N. 84.

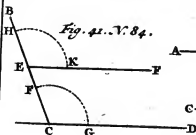
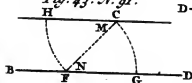
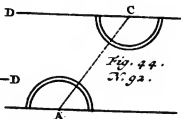


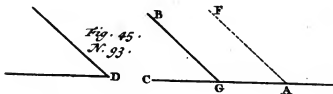
Fig. 43. N. 91.



*Fig. 44.
N. 92.*



*Fig. 45.
N. 93.*



*Fig. 46. N. 94.
95. 96.*

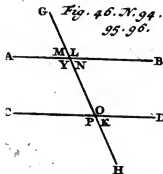
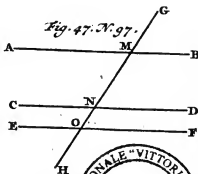
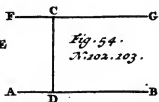
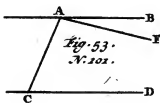
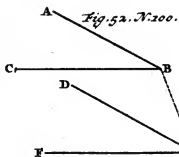
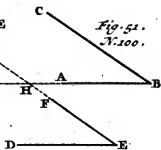
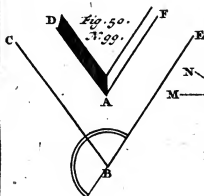
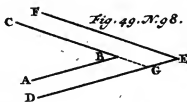
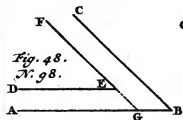
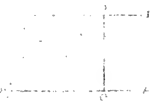
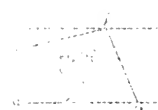


Fig. 47. N. 97.







.....

.....

.....

.....

.....

.....

Fig. 55. N. 104.
115. 116. 117.

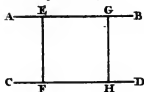


Fig. 56. N. 105.

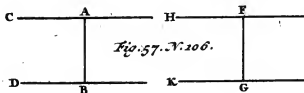
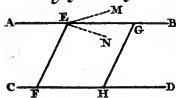


Fig. 57. N. 106.

Fig. 58. N. 108. 110.

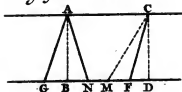


Fig. 59. N. 109. 117.

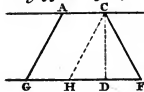


Fig. 60. N. 118.

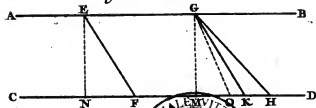


Fig. 62. N. 29.

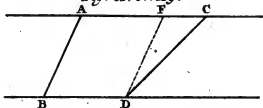


Fig. 62. N. 120.

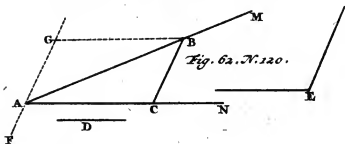


Fig. 63.
N. 121.

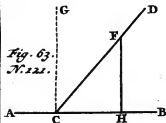


Fig. 64.
N. 122. 123.

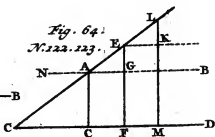


Fig. 65. N. 124. 125.

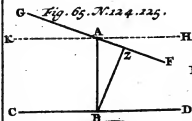
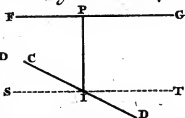
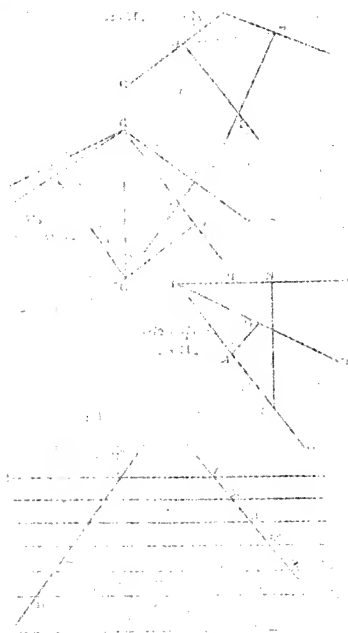


Fig. 66. N. 126. 127.





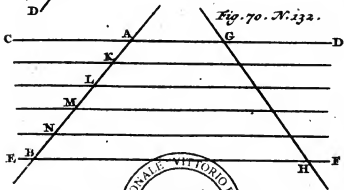
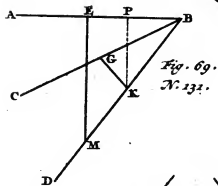
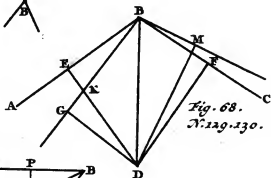
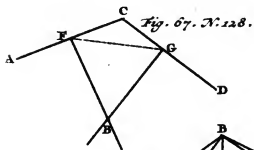


Fig. 71. N. 133.

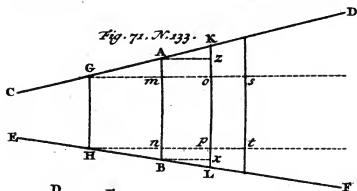


Fig. 72. N. 134.

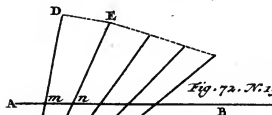


Fig. 73.
N. 134.

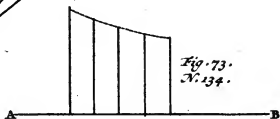
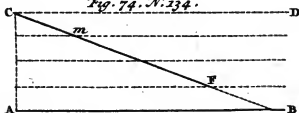


Fig. 74. N. 134.



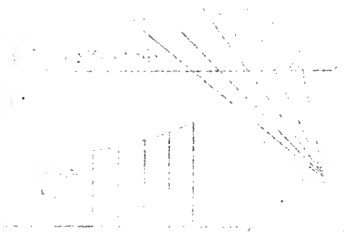
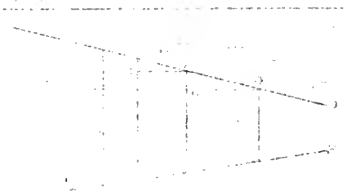




Fig. 1. Num. 8

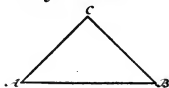


Fig. 2. N. 9.

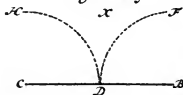


Fig. 3. N. 9.

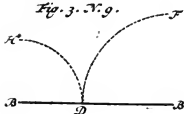


Fig. 4. N. 10.

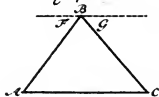
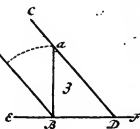
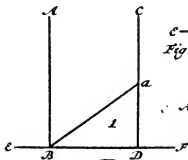
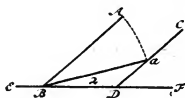
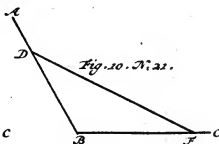
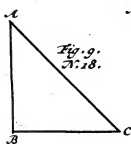
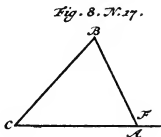
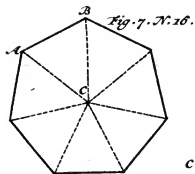
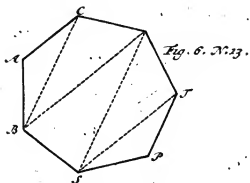
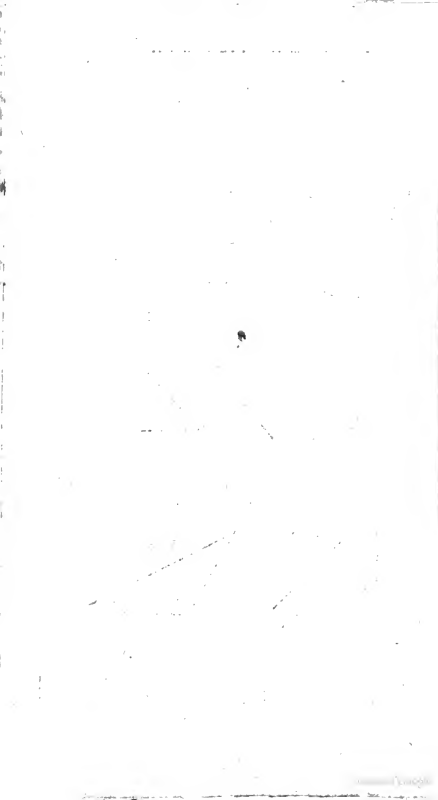


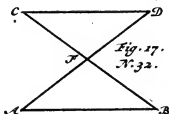
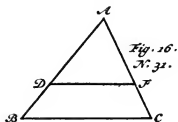
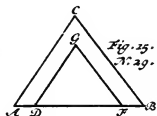
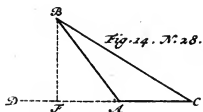
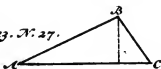
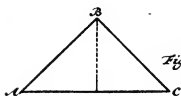
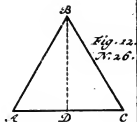
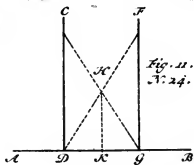
Fig. 5.

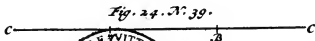
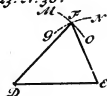
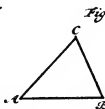
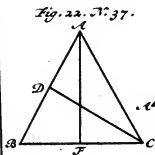
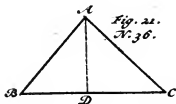
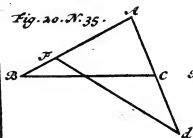
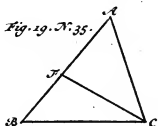
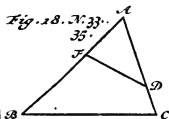




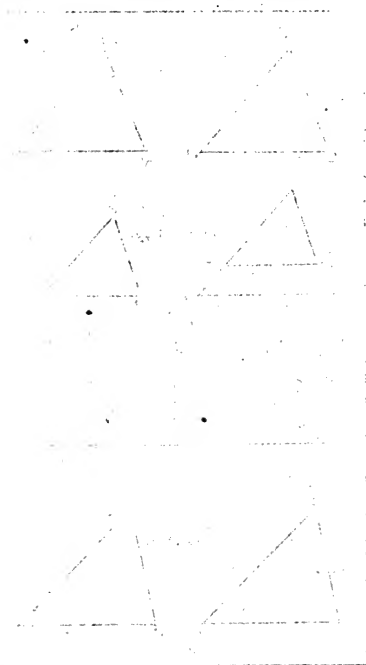












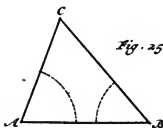


Fig. 25. N. 42.

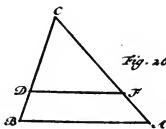
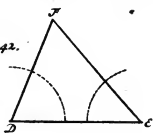


Fig. 26. N. 43.

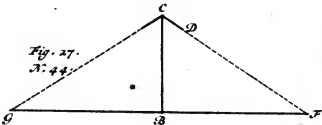
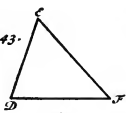


Fig. 27.
N. 44.

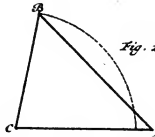
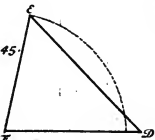
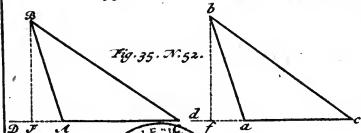
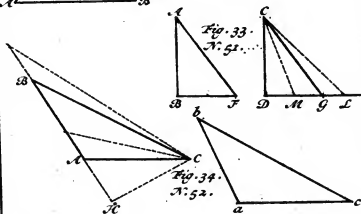
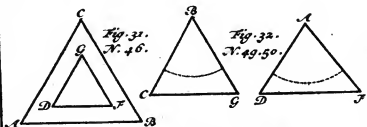
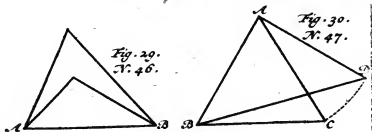
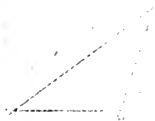
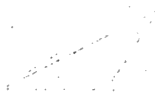
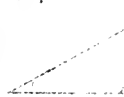
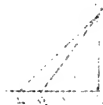
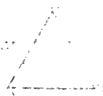
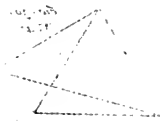


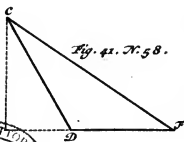
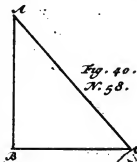
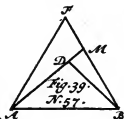
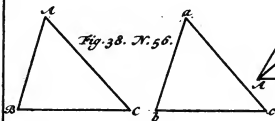
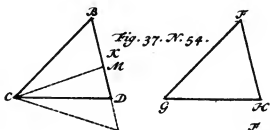
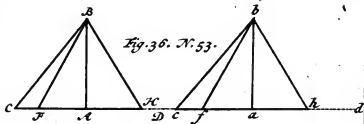
Fig. 28. N. 45.

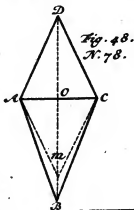
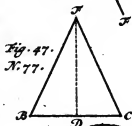
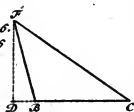
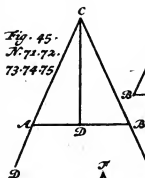
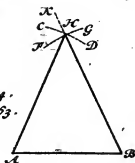
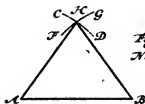
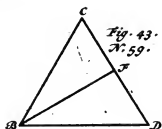
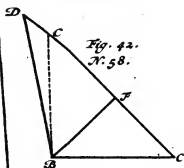


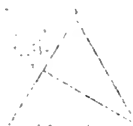


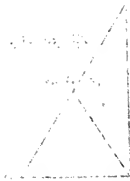
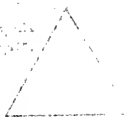
10. 10. 10.











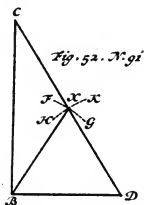
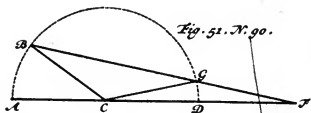
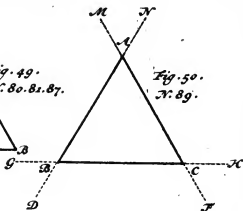


Fig. 53.
N. 92. 93.
94.

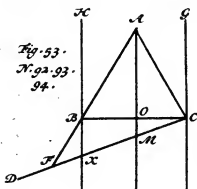


Fig. 53.
N. 93.

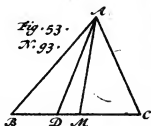


Fig. 54.
N. 95.

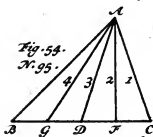


Fig. 55.
N. 96.

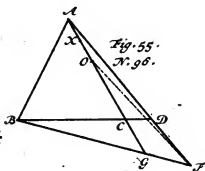


Fig. 56.
N. 97. 100.

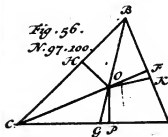


Fig. 56.
N. 101.

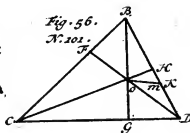
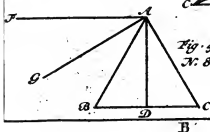
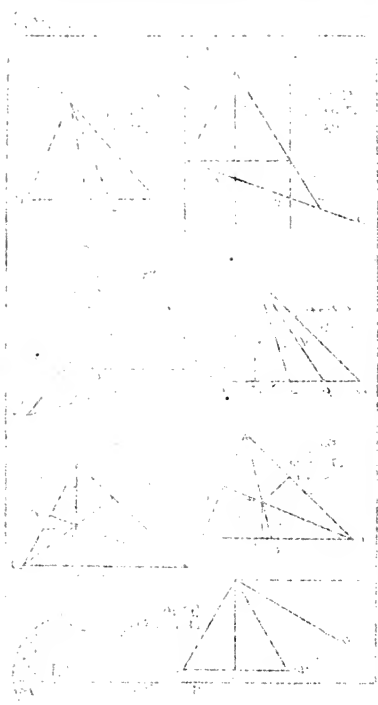


Fig. 49.
N. 88. 89.





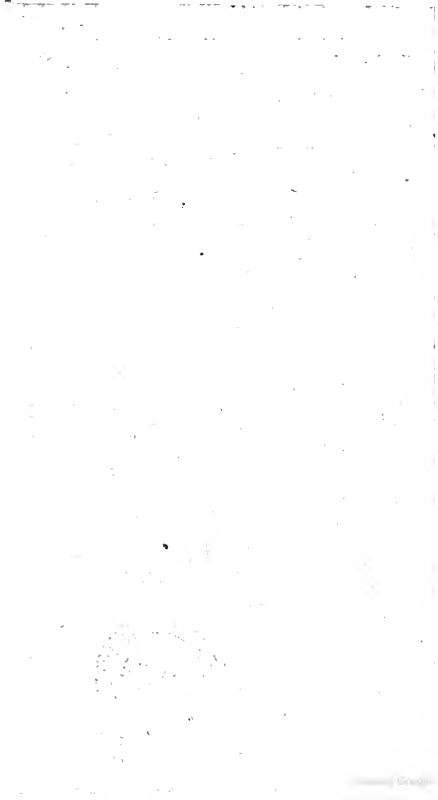


Fig. 1. N. 16. 17.

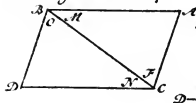


Fig. 2. N. 11.

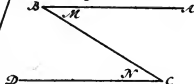


Fig. 3. N. 11.

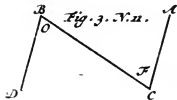


Fig. 4. N. 12.

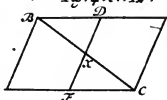


Fig. 5. N. 13.

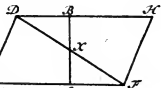
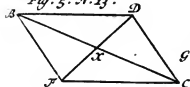


Fig. 6. N. 14. 15.

Fig. 7. N. 17. 18.

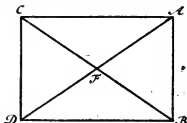
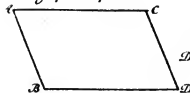
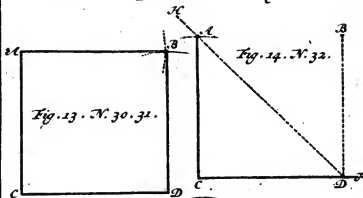
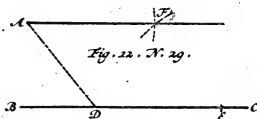
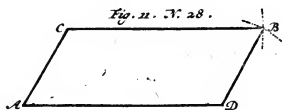
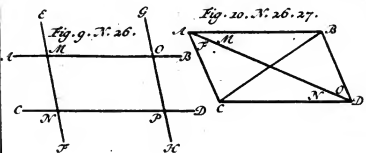
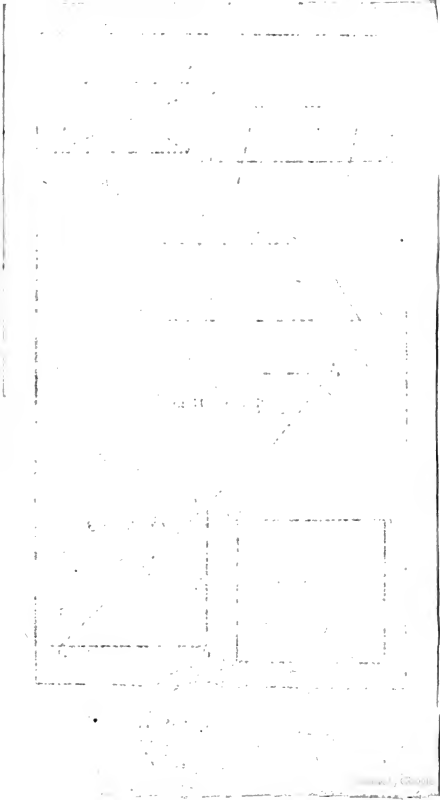


Fig. 8. N. 19. 20.
22. 25.







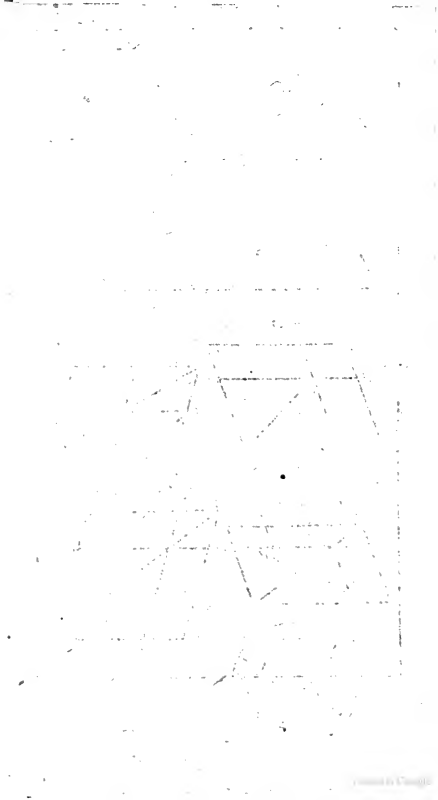


Fig. 15. N. 35.

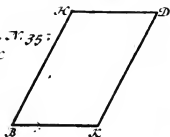
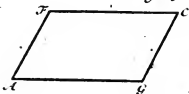


Fig. 16. N. 36.

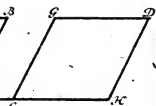
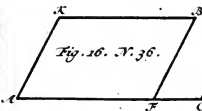


Fig. 17. N. 37. 38. 39.

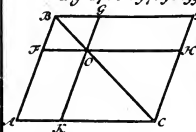


Fig. 18. N. 40.

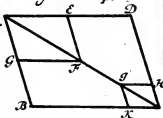


Fig. 19. N. 40.

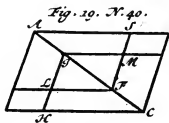


Fig. 20. N. 41.

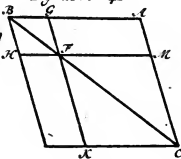


Fig. 21. N. 42.

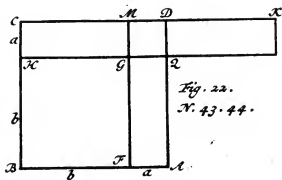
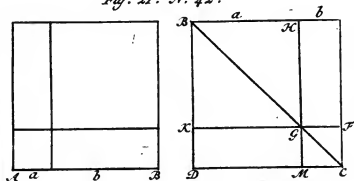
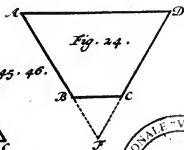
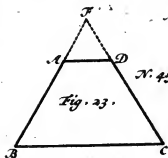
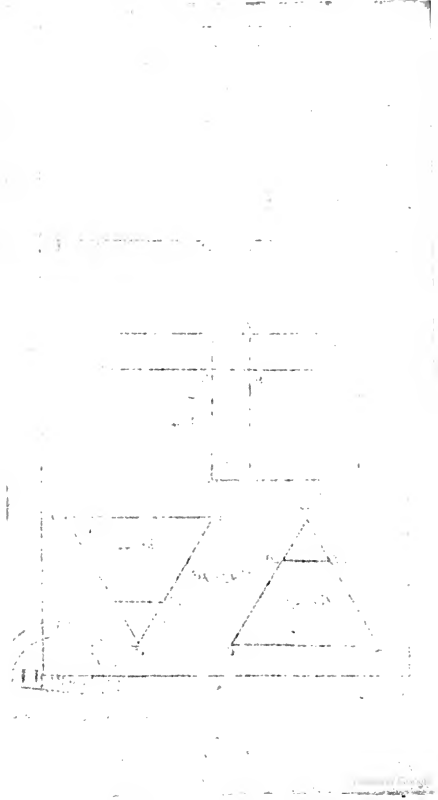


Fig. 22.

N. 43. 44.





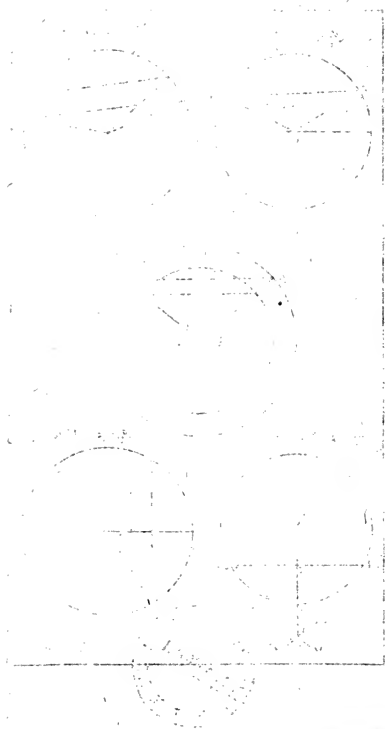


Fig. 1. N. 11.

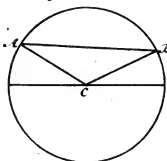


Fig. 2. N. 12

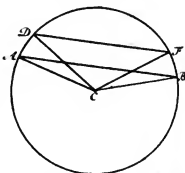


Fig. 3. N. 13.

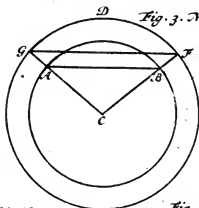


Fig. 4. N. 14. 15.

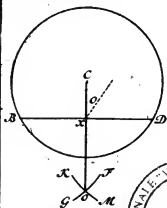


Fig. 5. N. 16. 17

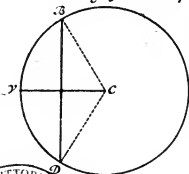


Fig. 6. N. 17. 18.

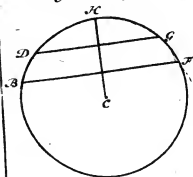


Fig. 7. N. 20. 21.

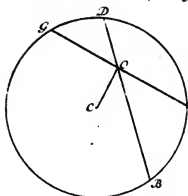
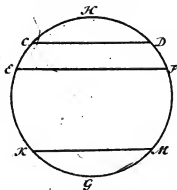


Fig. 8.
N. 22.

Fig. 9. N. 25. 26.

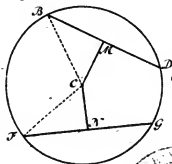


Fig. 10. N. 31. 32.

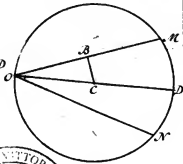




Fig. 1. 100



Fig. 2. 100



Fig. 3. 100



Fig. 4. 100



Fig. 5. 100



Fig. 6. 100



Fig. 7. 100



Fig. 8. 100



Fig. 16. N. 38.

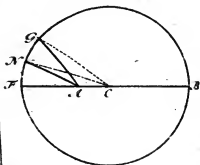


Fig. 18.
N. 42.

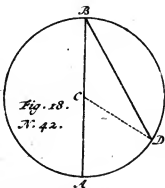


Fig. 17.
N. 39. 40.

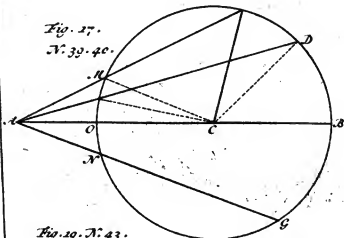


Fig. 19. N. 43.

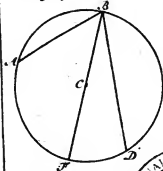
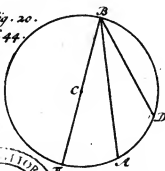
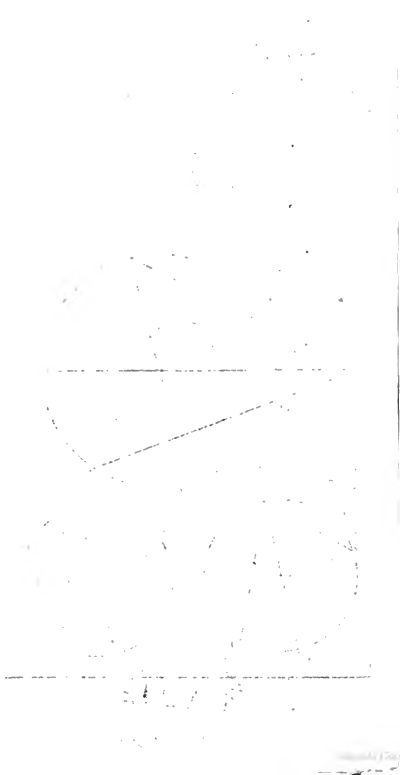


Fig. 20.
N. 44.





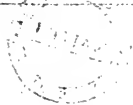
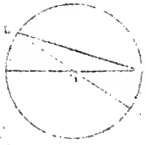
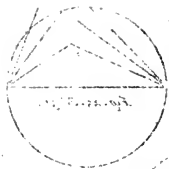


Fig. 21. N. 48.

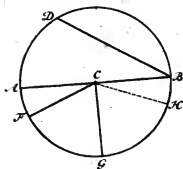
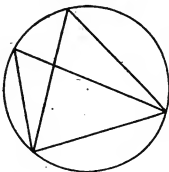


Fig. 22. N. 49.



*Fig. 23.
N. 49.*

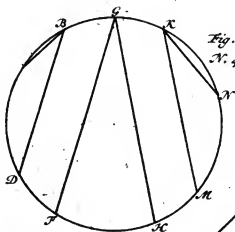


Fig. 24. N. 50.

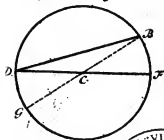


Fig. 25. N. 51.

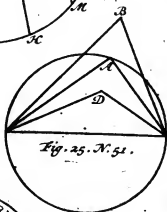


Fig. 26. N. 52.

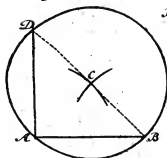


Fig. 27. N. 53.

54-55.

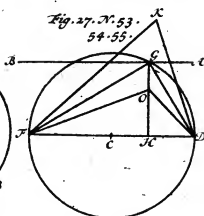


Fig. 28. N. 56.

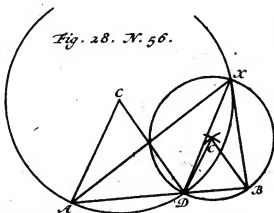


Fig. 29.
N. 57.

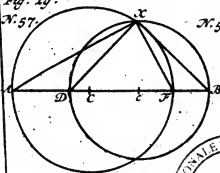
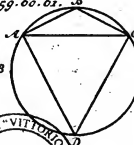
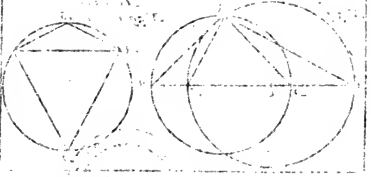
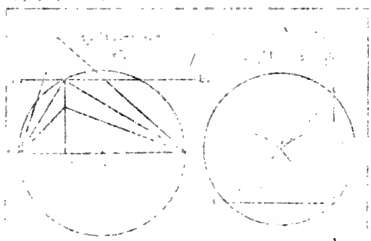


Fig. 30.
N. 59. 60. 61. B





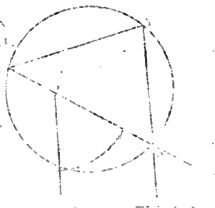
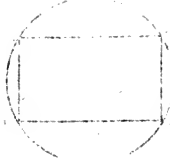
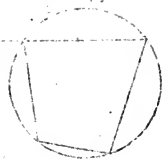


Fig. 31. N. 62.

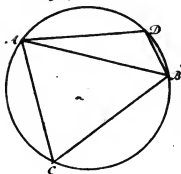


Fig. 32. N. 64. 65. 66.

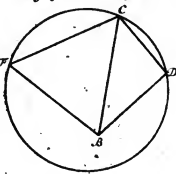


Fig. 33. N. 67.

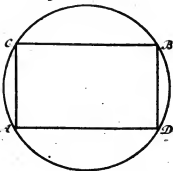
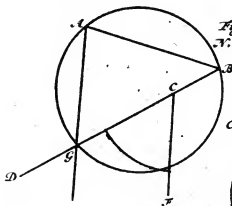
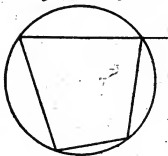
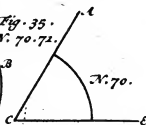


Fig. 34. N. 69.



*Fig. 35.
N. 70. 71.*



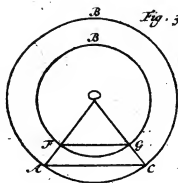


Fig. 36. N. 72.

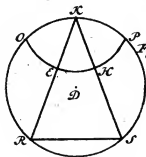
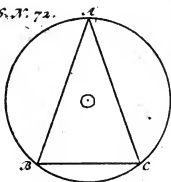


Fig. 37. N. 72.

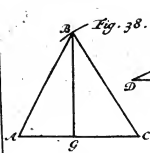
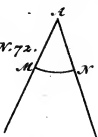
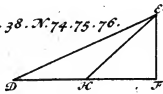


Fig. 38. N. 74.75.76.



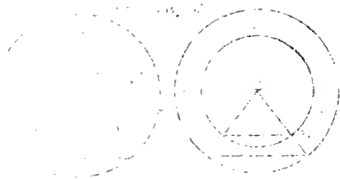




Fig. 39. N. 77.

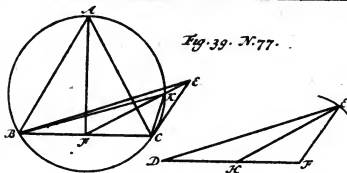


Fig. 40. N. 77.

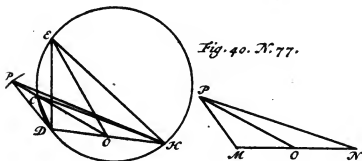


Fig. 41.
N. 78.

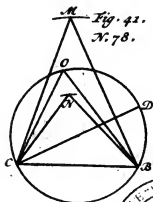
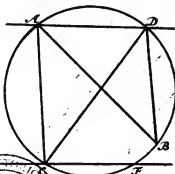
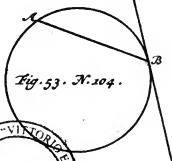
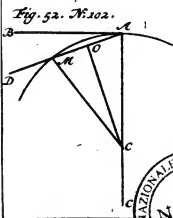
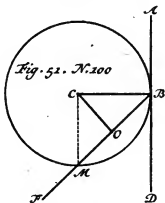
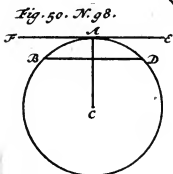
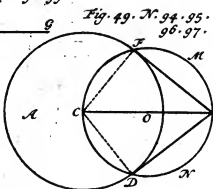
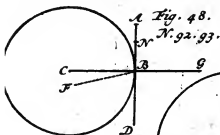
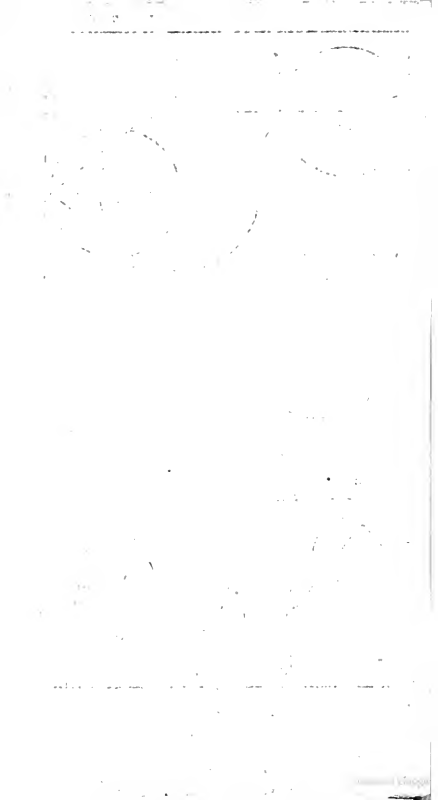


Fig. 42. N. 79.







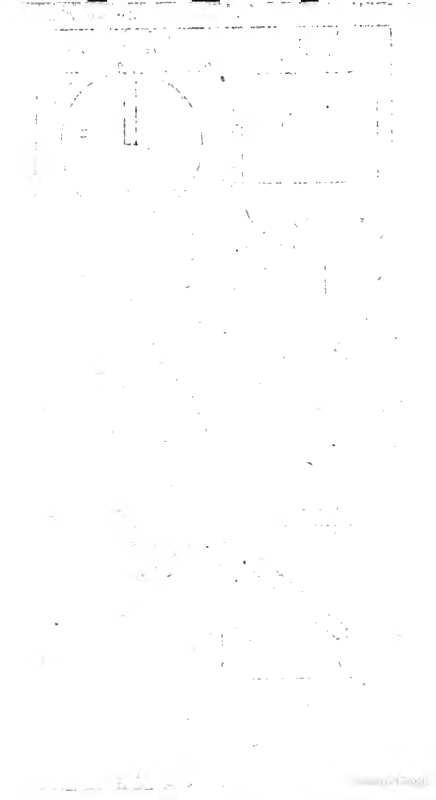


Fig. 54. N. 105.

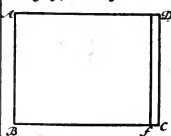


Fig. 55. N. 105. 106.

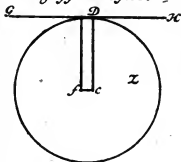


Fig. 56. N. 107.

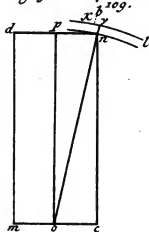


Fig. 57.
N. 114.

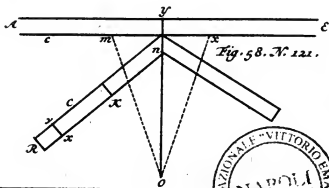
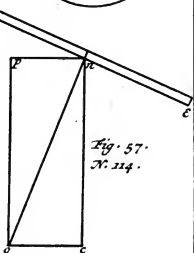


Fig. LVIII. N. 124. 125.

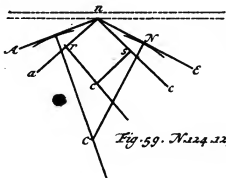
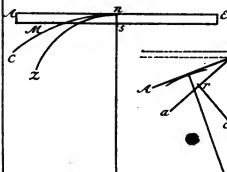


Fig. 59. N. 124. 125.

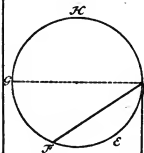


Fig. 60. N. 137. 138. 139. 140.

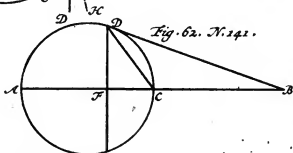


Fig. 62. N. 141.

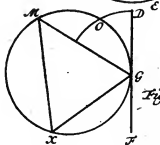
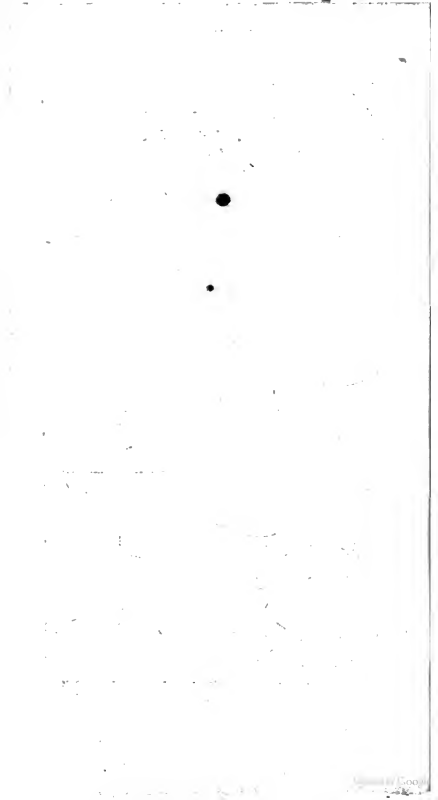
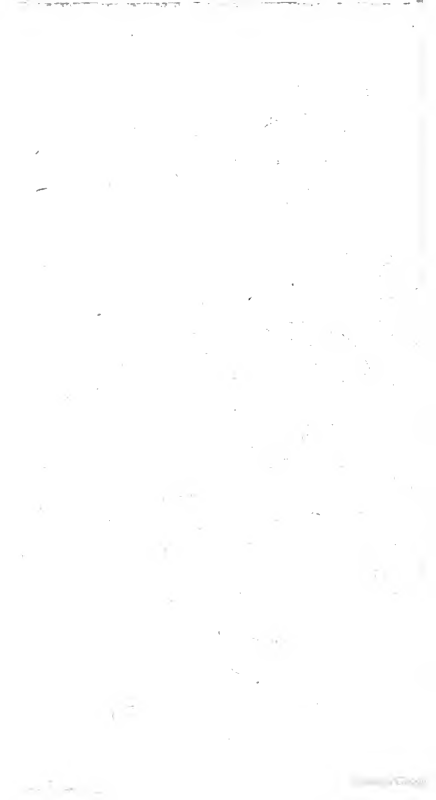


Fig. 63. N. 142.







*Fig. 64.
N. 143.*

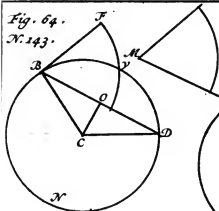
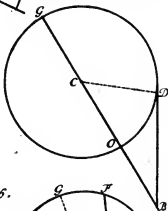


Fig. 65. N. 144.



*Fig. 66.
N. 145.*

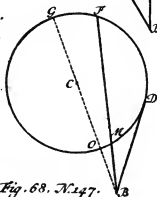
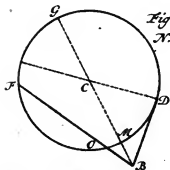


Fig. 67. N. 146.

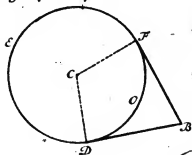


Fig. 68. N. 147.

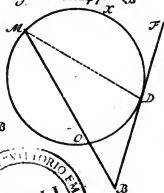


Fig. 68. N. 148. 149.

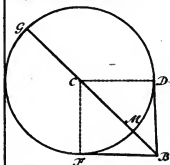


Fig. 69. N. 150. 151.

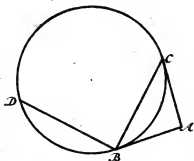


Fig. 70. N. 152. 153.

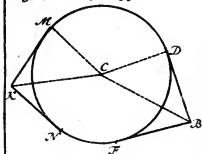


Fig. 71. N. 154. 155. 159.

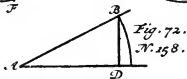
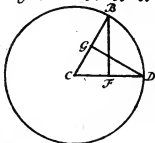


Fig. 73. N. 160. 162.

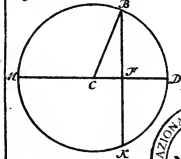
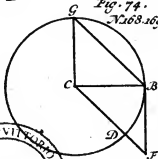


Fig. 74. N. 168. 169.



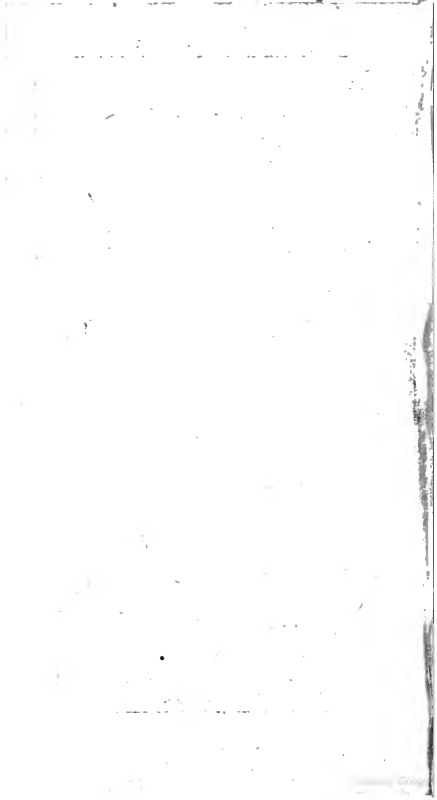




Fig. 75. N. 176.

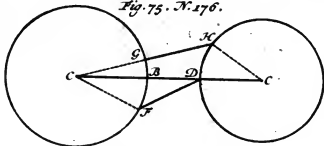


Fig. 76. N. 176.

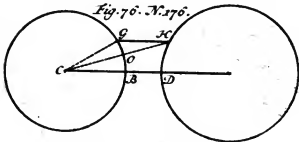
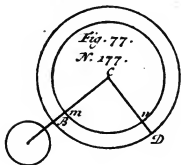
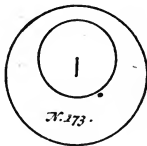


Fig. 77.
N. 177.



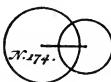
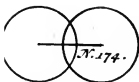
N. 173.



N. 174.

N. 174.

N. 175.



N. 174.

N. 174.

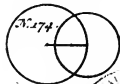


Fig. 78. N. 179.

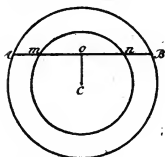


Fig. 79. N. 180.

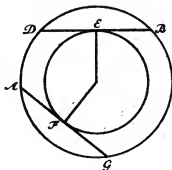


Fig. 80. N. 181

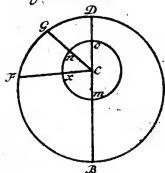


Fig. 81. N. 182.

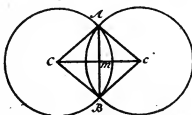
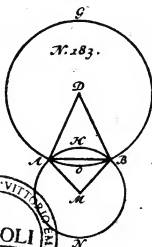
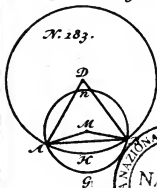


Fig. 82.







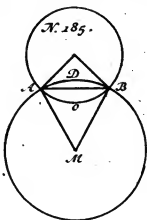
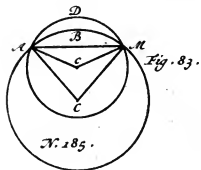
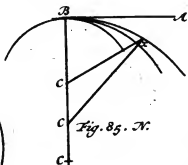
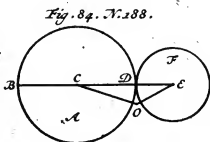
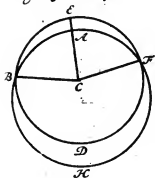
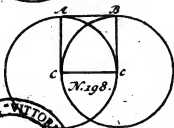
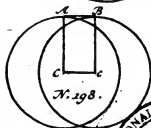
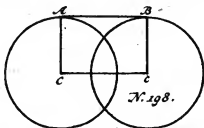
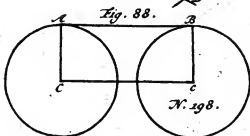
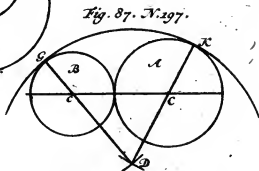
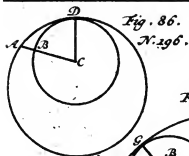
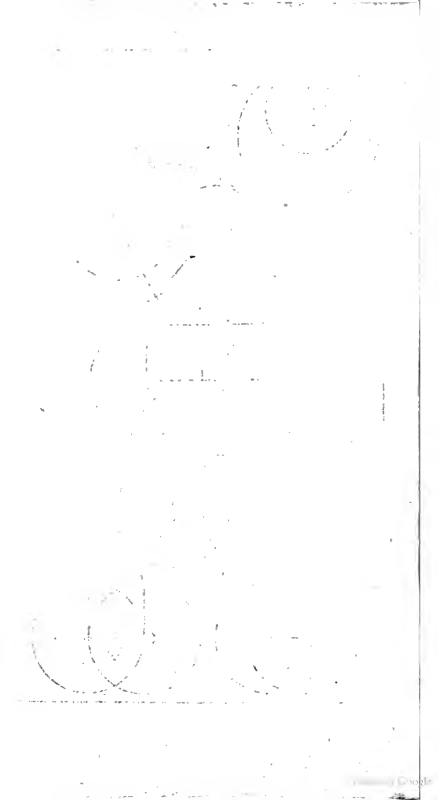


Fig. 83. N. 187.







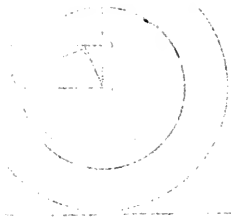


Fig. 89.

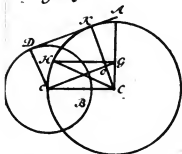


Fig. 90.

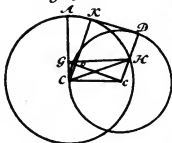


Fig. 91.

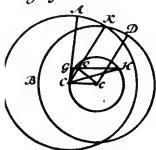


Fig. 92.

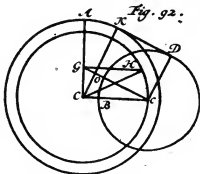
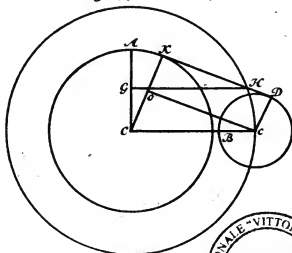


Fig. 93.



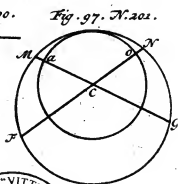
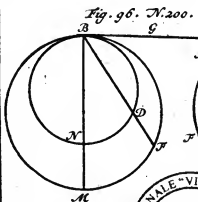
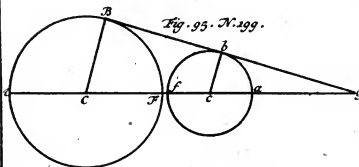
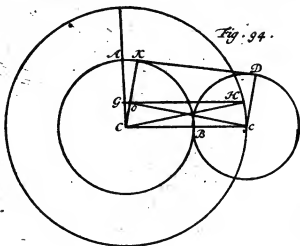






Fig. 98. N. 203.

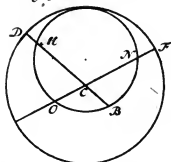


Fig. 99.
N. 204.

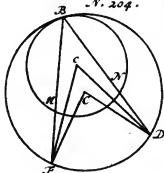


Fig. 100. N. 205.

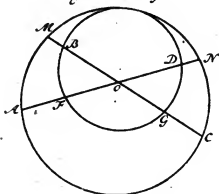


Fig. 101.
N. 206.

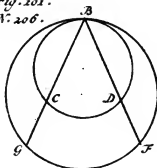


Fig. 101. N. 207.

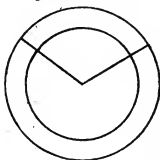


Fig. 102. N. 208.

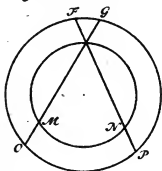


Fig. 103. N. 209.

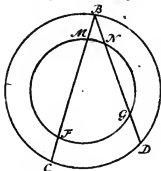


Fig. 104.
N. 210.

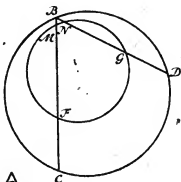


Fig. 105.
N. 211.

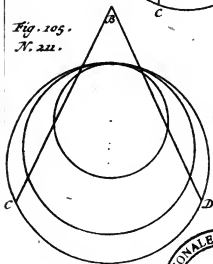
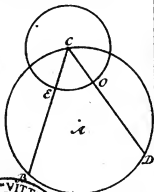
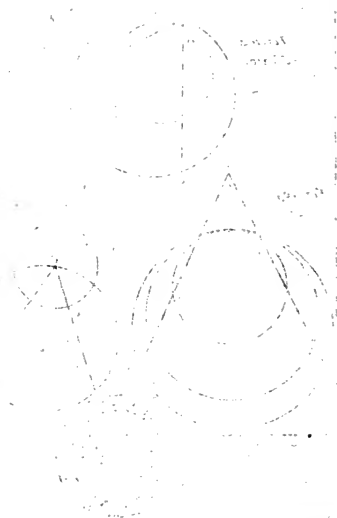


Fig. 106. N. 212.





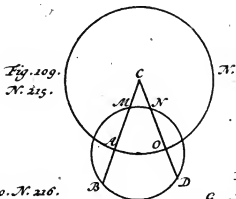
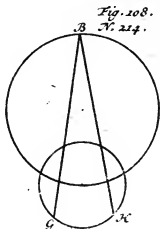
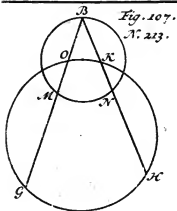


Fig. 110. N. 216.

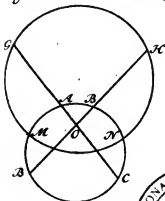


Fig. 111.
N. 217.

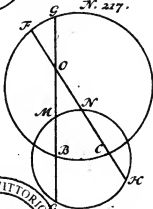




Fig. 1.
N. 11.

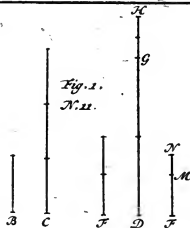


Fig. 2.
N. 14.

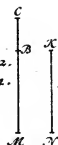


Fig. 3. N. 16.

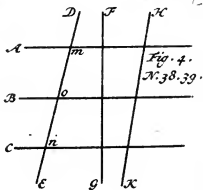
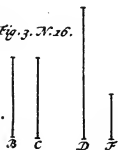
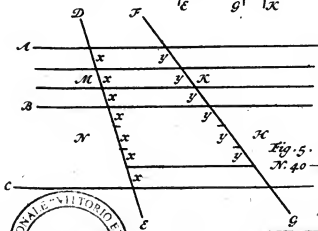
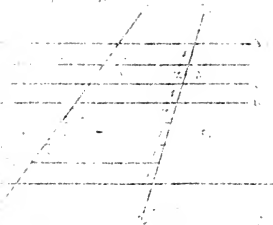


Fig. 5.
N. 40-50.





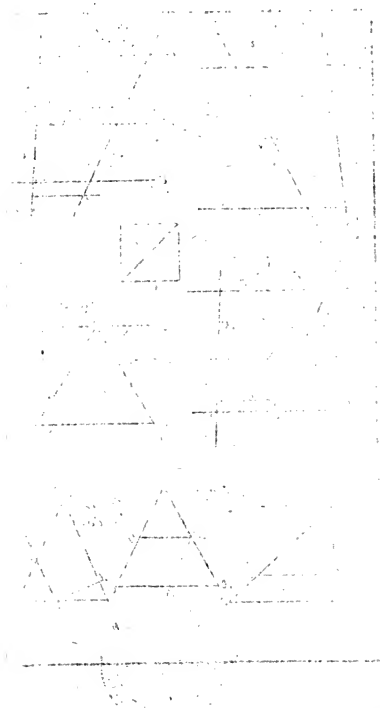


Fig. 6.
N. 51. 52.

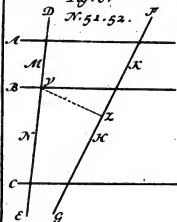


Fig. 7.
N. 53-55.

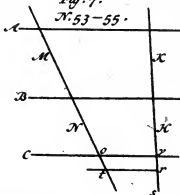


Fig. 8. N. 55.

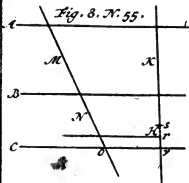


Fig. 9. N. 56.

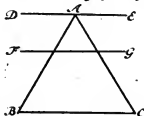


Fig. 10. N. 57. 58.

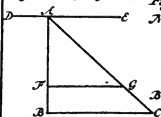


Fig. 11.
N. 59.

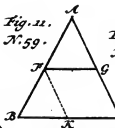


Fig. 12.
N. 60.

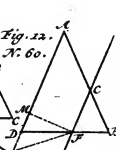


Fig. 13. N. 61. 62. 63.

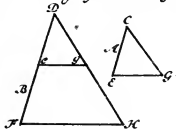


Fig. 14. N. 64.

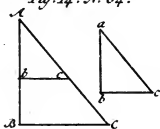


Fig. 15. N. 64.

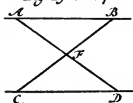


Fig. 16. N. 65.

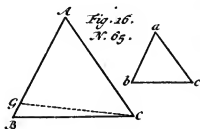


Fig. 17. N. 65.

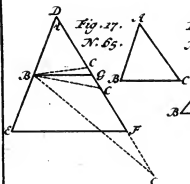


Fig. 18. N. 66.

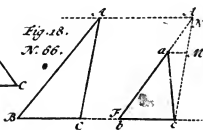


Fig. 19. N. 67. 225

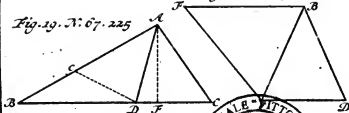


Fig. 20. N. 69.



1901

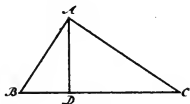


Fig. 21.
N. 70. 71. 72.

242.

243.

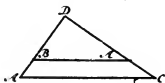
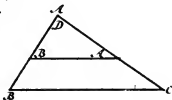
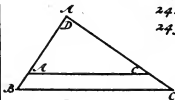


Fig. 22. N. 73.

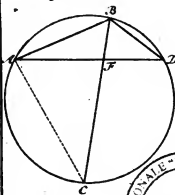


Fig. 23. N. 74.

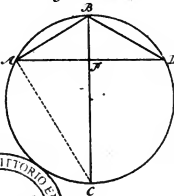


Fig. 24. N. 75. 76.

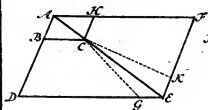


Fig. 26. N. 78. 226.

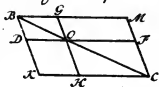


Fig. 25. N. 77. 241.

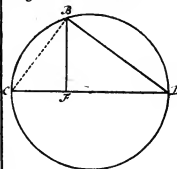


Fig. 27. N. 79. 227.

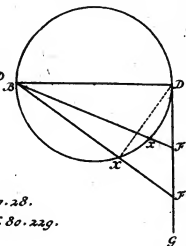


Fig. 28.
N. 80. 229.

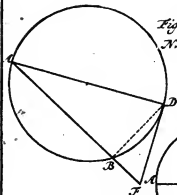
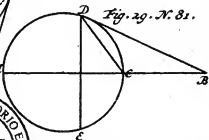
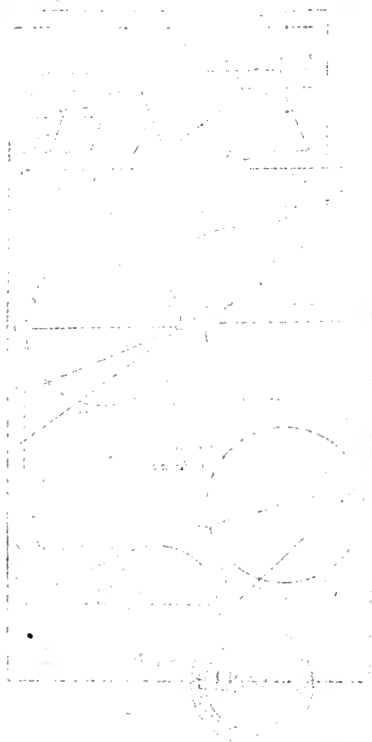
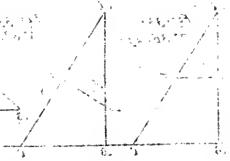


Fig. 29. N. 81.







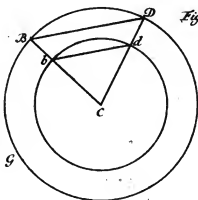


Fig. 30. N. 82. 84.

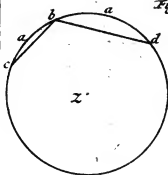
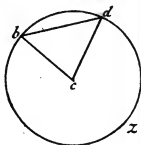


Fig. 31. N. 85.

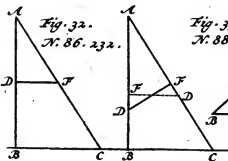
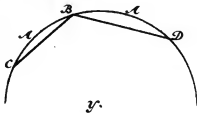
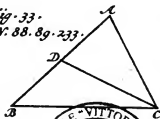


Fig. 32.
N. 86. 232.

Fig. 33.
N. 88. 89. 233.





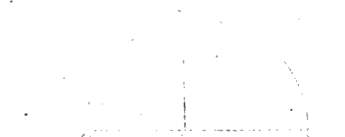
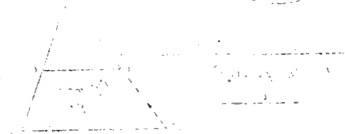


Fig. 40. N. 97.
238. 240.

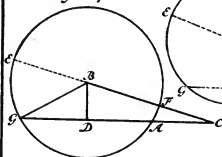


Fig. 41. N. 98. 239.

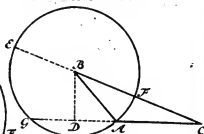


Fig. 42. N. 99.

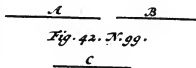


Fig. 42.
N. 99.

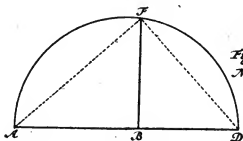
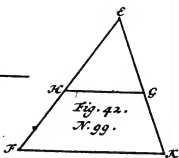


Fig. 43.
N. 101.

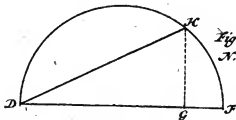
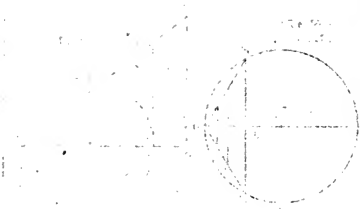


Fig. 44.
N. 101.





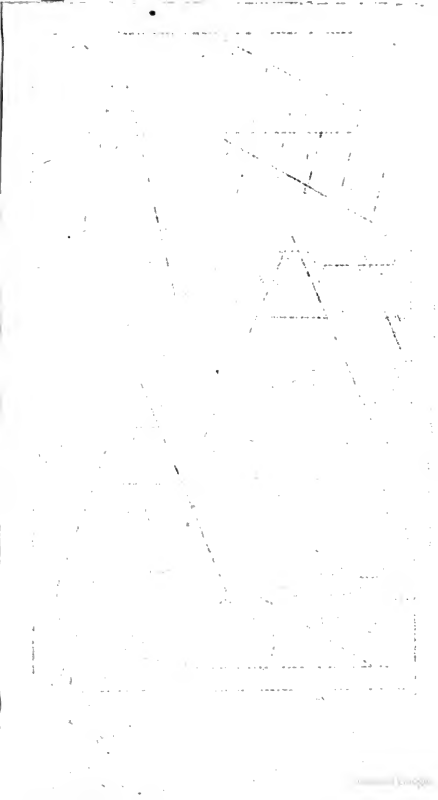


Fig. 49. N. 112.

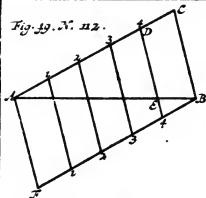


Fig. 50. N. 113.

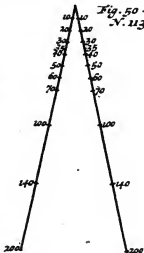


Fig. 51. N. 114.

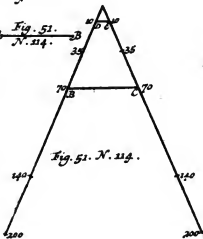


Fig. 51. N. 114.

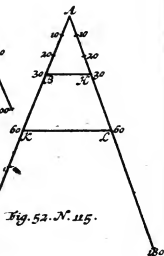
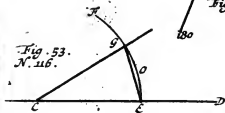
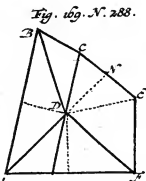
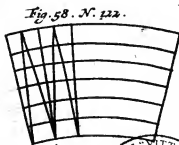
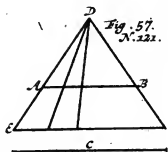
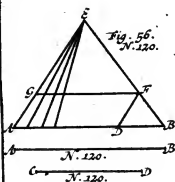
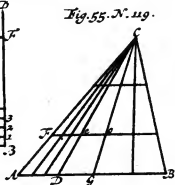
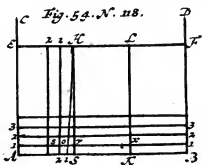
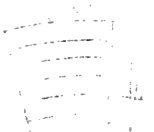
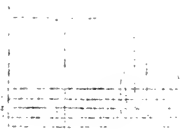
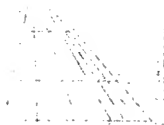


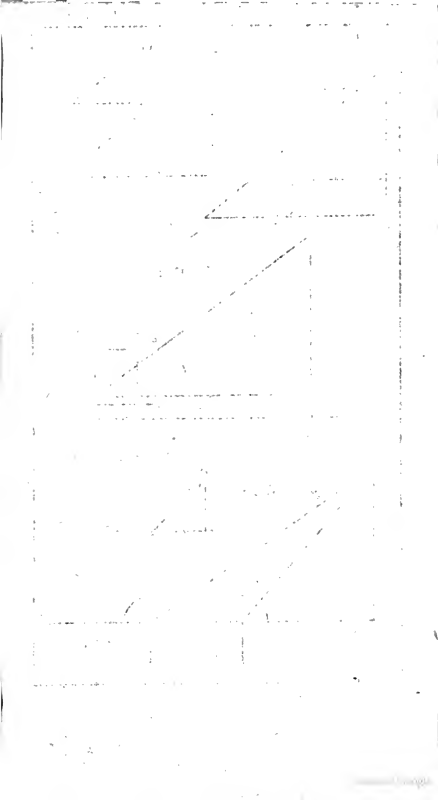
Fig. 52. N. 115.

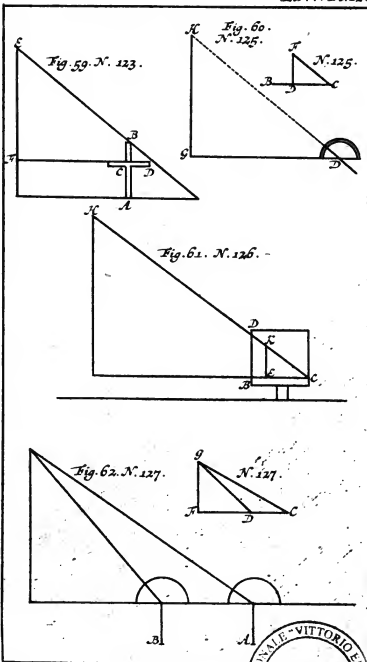
Fig. 53. N. 116.











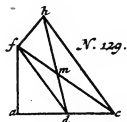
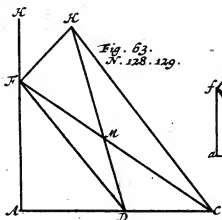
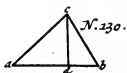
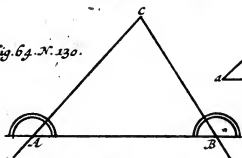


Fig. 64. N. 130.



N. 131.



Fig. 65. N. 131.

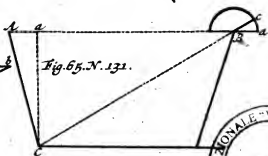
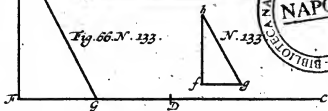
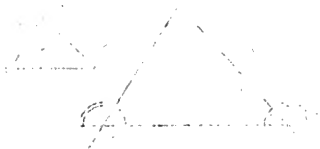
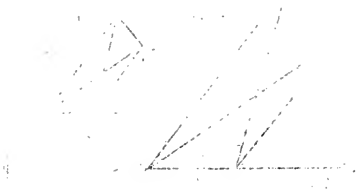


Fig. 66. N. 133.



N. 133





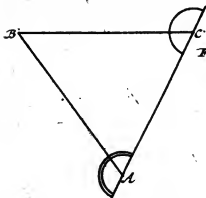


Fig. 67. N. 134. 135.

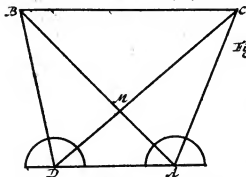
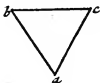


Fig. 68. N. 136.

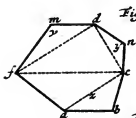
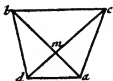


Fig. 69. N. 138.

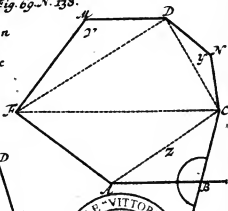
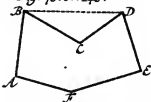


Fig. 70. N. 140.



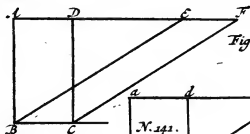
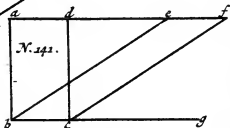


Fig. 71. N. 141.



N. 141.

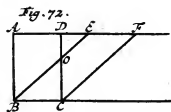


Fig. 72.

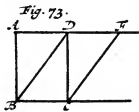


Fig. 73.

Fig. 74. N. 142.

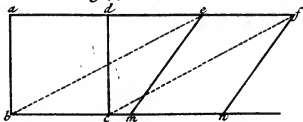
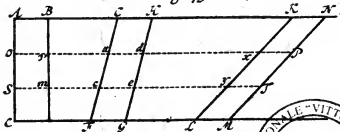
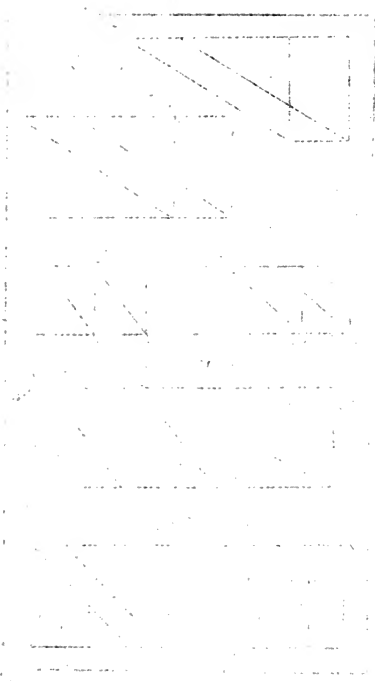


Fig. 75. N. 142.





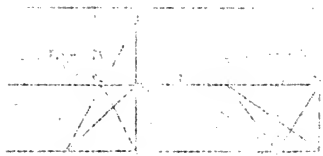


Fig. 76. N. 143.



Fig. 77. N. 144.

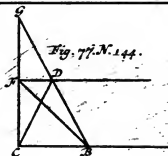


Fig. 78. N. 145.

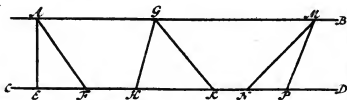
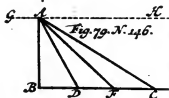
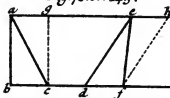


Fig. 80. N. 147.

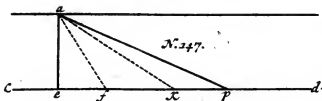


Fig. 81. N. 148.

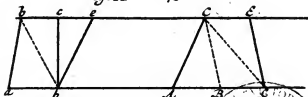


Fig. 82. N. 149.

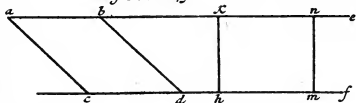


Fig. 83. N.

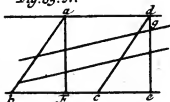


Fig. 83. N. 150.

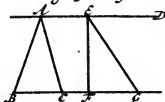


Fig. 84. N. 150.

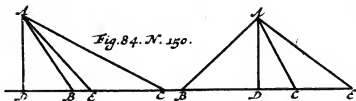


Fig. 85. N. 151.

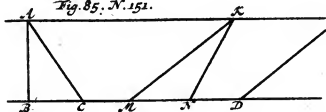
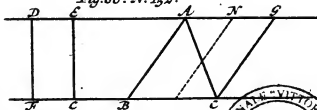


Fig. 86. N. 152.



X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

X X

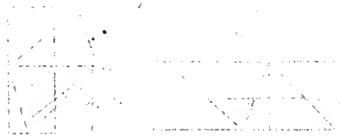
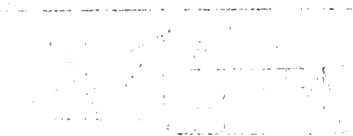


Fig. 87. N. 154. 155.

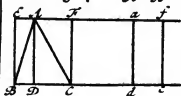


Fig. 88. N. 155.

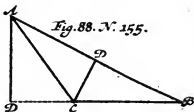


Fig. 89. N. 156. 157.

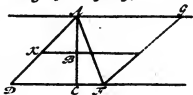


Fig. 00.
A. 158.

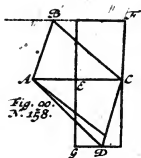


Fig. 01.
N. 159.

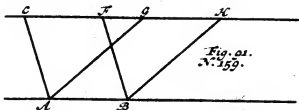


Fig. 92. N. 161. 162.

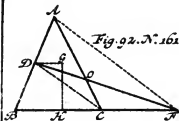


Fig. 93.
N. 163. 164.
165.

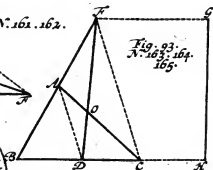


Fig. 94. N. 166.

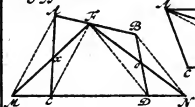


Fig. 95. N. 167.

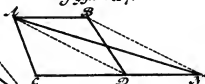


Fig. 96. N. 168.

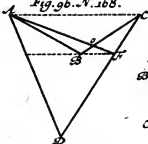


Fig. 97. N. 169.

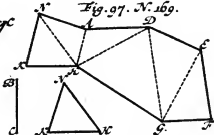


Fig. 98.
N. 170.

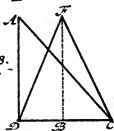


Fig. 99.
N. 171.

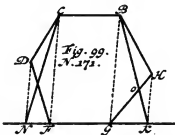


Fig. 100.
N. 172.

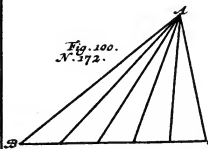
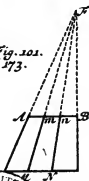


Fig. 101.
N. 173.







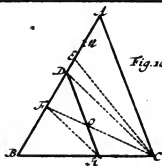


Fig. 102. N. 174.

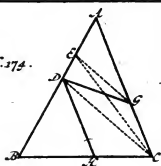


Fig. 103.
N. 175.

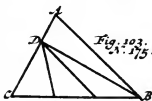


Fig. 104.
N. 176.

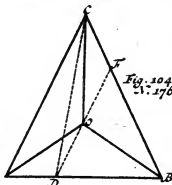


Fig. 105.
N. 177.

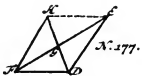
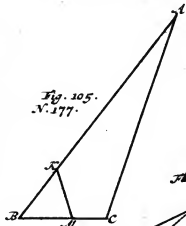


Fig. 107.
N. 180.

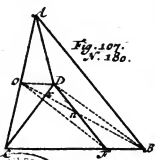


Fig. 108. N. 181.

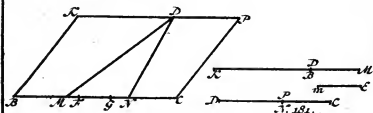


Fig. 109. N. 185.

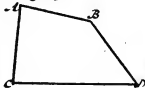


Fig. 110. N. 186.

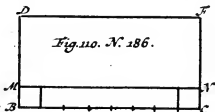


Fig. 111.

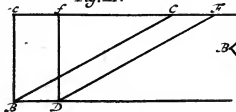


Fig. 112. N. 187.

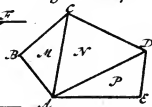
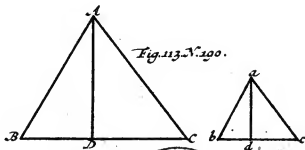
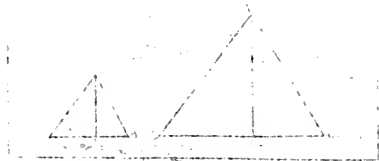


Fig. 113. N. 190.





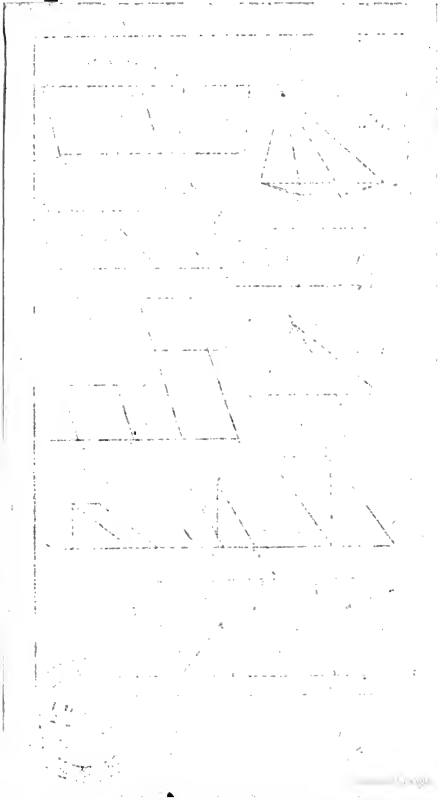


Fig. 115. N. 193.

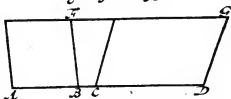


Fig. 114.
N. 192.

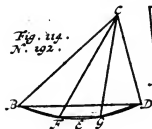


Fig. 117. N. 195.

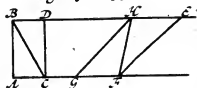


Fig. 116.
N. 194.

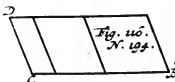


Fig. 119. N. 197.

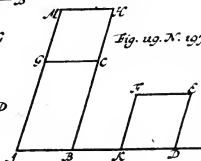


Fig. 118.
N. 196.

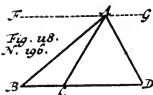


Fig. 120. N. 198

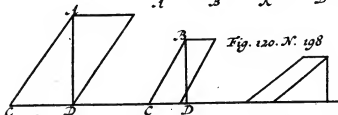


Fig. 121. N. 200.

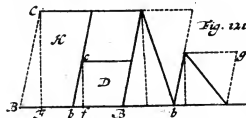


Fig. 122. N. 202.

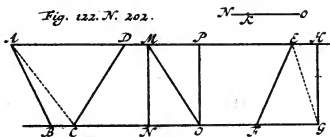


Fig. 122. N. 125.

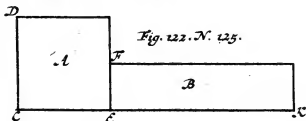


Fig. 123. N. 210

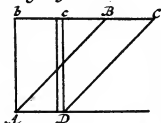


Fig. 123. N. 210

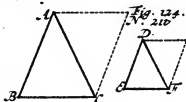
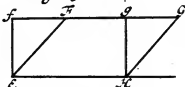
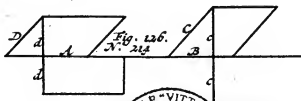
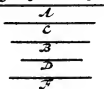
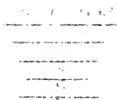
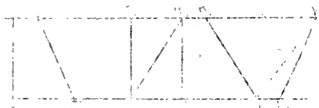


Fig. 125. N. 213





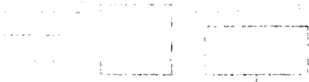
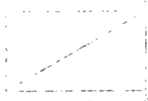


Fig. 127. N. 215.

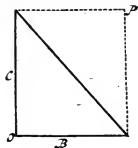
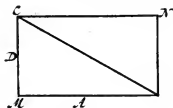


Fig. 128. N. 216.

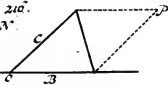
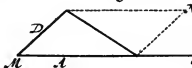


Fig. 129. N. 216. 218.

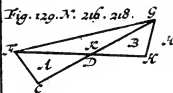


Fig. 130. N. 219



Fig. 131. N. 220.

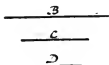
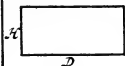
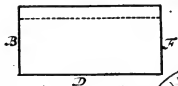


Fig. 132. N. 221.



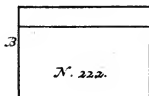
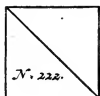
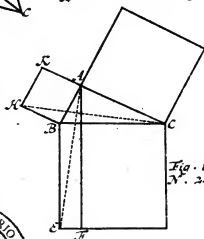
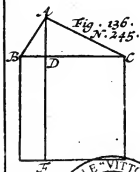
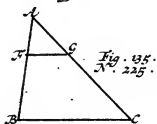
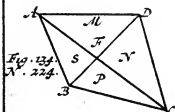
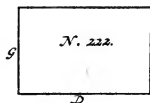
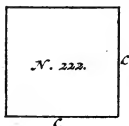
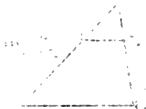


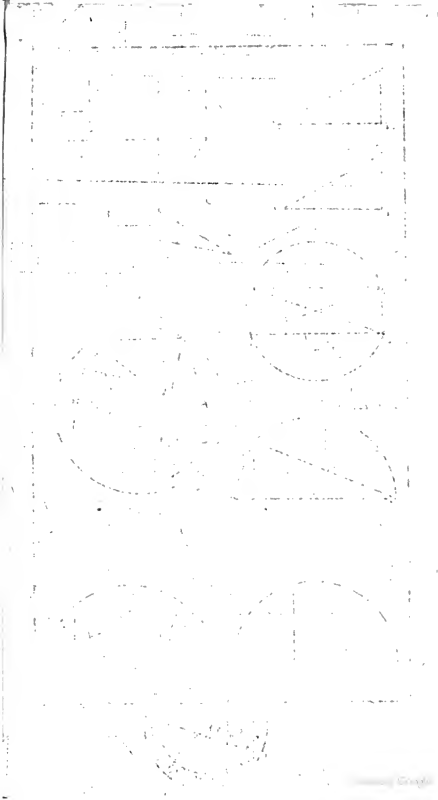
Fig. 133.





200





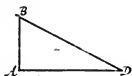


Fig. 138. N. 246.

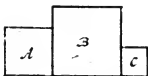
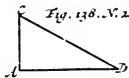


Fig. 138. N. 248.

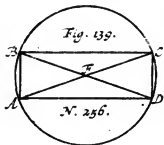
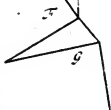


Fig. 139.

N. 256.

Fig. 141. N. 260. 261. 262.

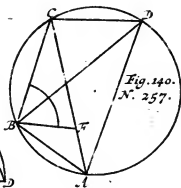
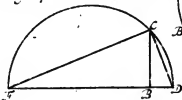


Fig. 140.
N. 257.

Fig. 142. N. 264.

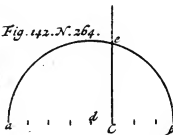


Fig. 143. N. 264.

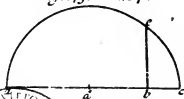


Fig. 144. N. 265.

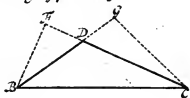


Fig. 145. N. 266.

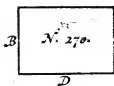
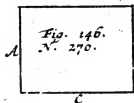
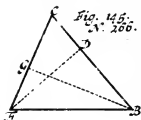


Fig. 147. N. 272.

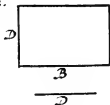


Fig. 148. N. 273.

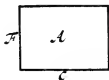


Fig. 149. N. 274.

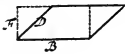
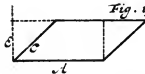
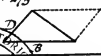
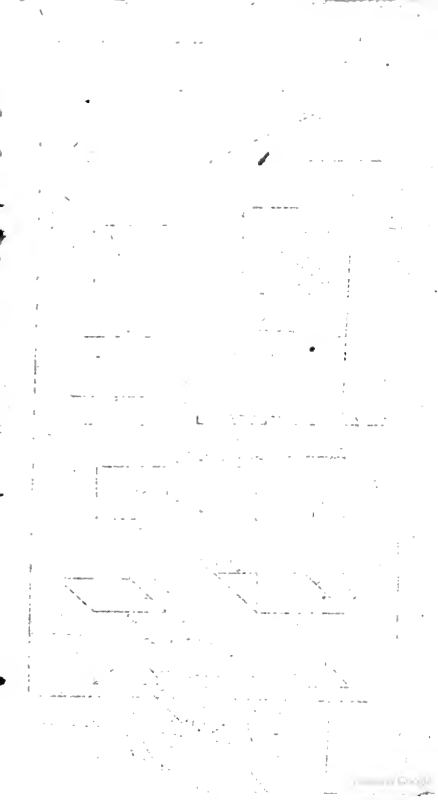


Fig. 150. N. 275.





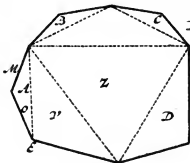


Fig. 151. N. 276.

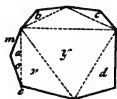


Fig. 152. N. 278.

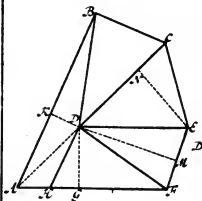


Fig. 153. N. 279.



Fig. 154. N. 280.

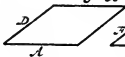


Fig. 155. N. 281.



Fig. 156. N. 282.

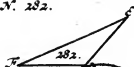
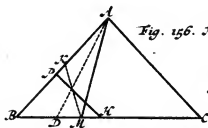


Fig. 157. N. 283.

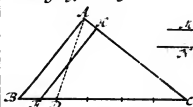


Fig. 158. N. 284.

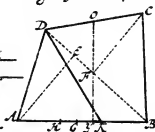


Fig. 159. N. 284.

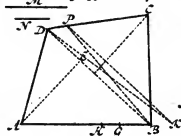


Fig. 160. N. 285.

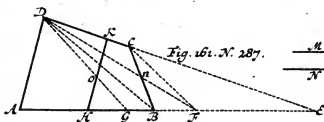
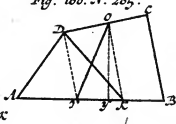
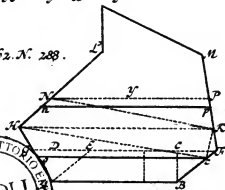
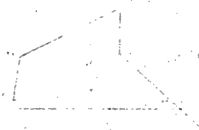
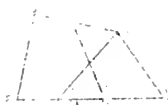


Fig. 161. N. 287.

Fig. 162. N. 288.





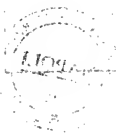
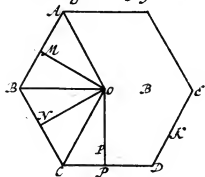


Fig. 1. N. 3. 5.



N. 5

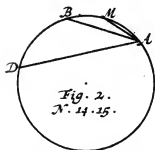
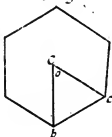


Fig. 2.
N. 14. 15.

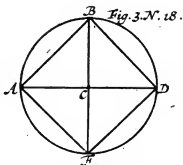


Fig. 3. N. 18.

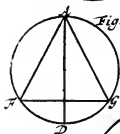


Fig. 4. N. 19.

Fig. 5.
N. 20.

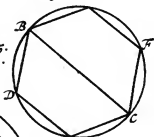


Fig. 6.
N. 21.

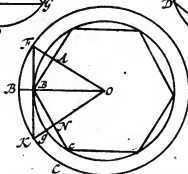


Fig. 7. N. 21.

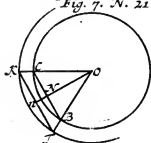


Fig. 8. N. 24.

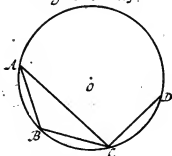


Fig. 9. N. 25. 26.

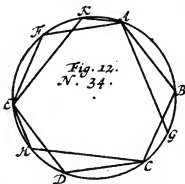
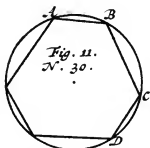
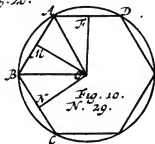
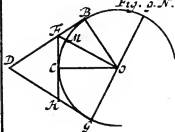
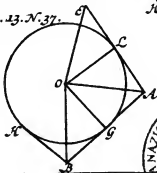
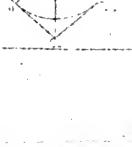
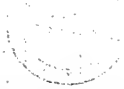
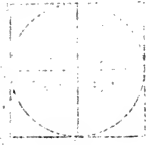
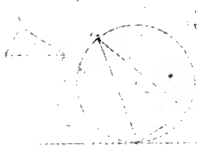
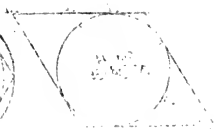
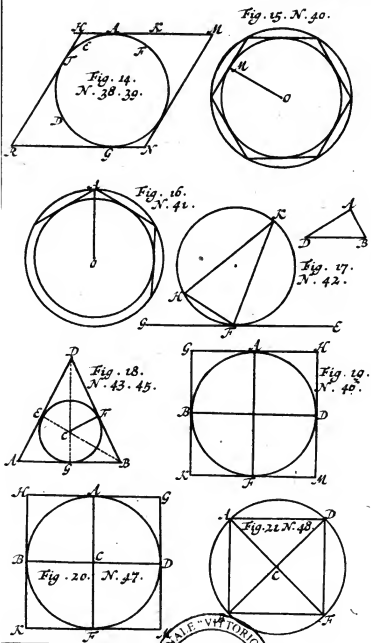


Fig. 13. N. 37.



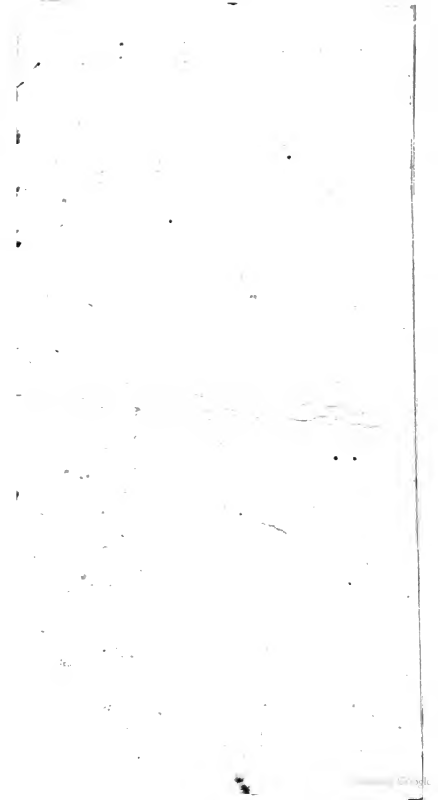


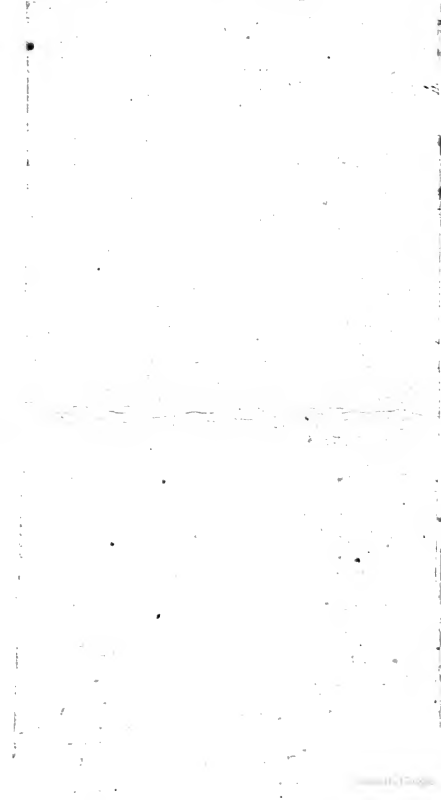














1042-va





